

7/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01965496 47608730
Financial Technology Expo showcases new products
McEachern, Cristina
Wall Street & Technology v18n1 PP: 56 Jan 2000
ISSN: 1060-989X JRNL CODE: WSC
WORD COUNT: 753

...TEXT: country looking-for the West and greatest technology for the financial services arena. While the **virtual trading floor** featuring all nine of the SEC approved Electronic Communications Networks (ECNs) demonstrating the future of...

... draw, other companies were introducing their latest breakthroughs and upgrades for the industry. With Y2k **moving** to the backburner, Wall Street & Technology takes a look at a sampling of new products...

7/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01597889 02-48878
New law may boost Bermuda
Lonkevich, Dan
National Underwriter (Property & Casualty/Risk & Benefits Management)
v102n10 PP: 9-11 Mar 9, 1998
ISSN: 1042-6841 JRNL CODE: NUN
WORD COUNT: 806

...TEXT: Other factors that set the exchange apart from its competitors are its Internet-based or "**virtual open-outcry trading floor**," which maintains privacy and security for all participants, he said. Only members are allowed to...

7/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01472406 01-23394
User-friendly CNC
Anonymous
Manufacturing Engineering v119n1 PP: 28 Jul 1997
ISSN: 0361-0853 JRNL CODE: MFE
WORD COUNT: 656

...TEXT: hand-held pendant with a multiline LCD, soft keys, handwheel, and feed-and-speed controls; **optional** Gibbs Shop **Floor** Programming 3 - D CAD/CAM software; and helical interpolation, 4-MB program storage, scaling, **rotation**, mirroring, branching, trigonometry functions, parametric subroutines, and cycles for tool and part probing. A hard...

7/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01140853 97-90247
Virtual reality: Will it find its place?
Shoesmith, John
Computing Canada v21n26 PP: 31 Dec 20, 1995
ISSN: 0319-0161 JRNL CODE: CCD

...ABSTRACT: one that might have some eventual impact in a business

environment. Today, the Web has **moved** from a cybertoy to a practical, perhaps a necessary, business tool. According to many, there...

...data communications into a single unit, traders on Wall Street are being linked into the **virtual trading floor** of the future. Virtual reality is being used extensively in very tight niche businesses, mission...

7/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00847199 94-96591
Electronic trading, market structure and liquidity
Massimb, Marcel N; Phelps, Bruce D
Financial Analysts Journal v50n1 PP: 39-50 Jan-Feb 1994
ISSN: 0015-198X JRNL CODE: FIA
WORD COUNT: 10714

...TEXT: transaction costs are currently much higher on a CBOT-GLOBEX terminal compared with CBOT open **outcry**. The cost differential could change over time if the cost of providing an electronic trading...

... on to traders.(11) But there will also likely be a need for expensive periodic **software** updates.

Physical **trading floors** are not inexpensive, given the need to provide many pit price reporters and periodic updating...

7/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00840175 94-89567
Next step for Applix: Front end
Anonymous
Bank Systems & Technology v31n3 PP: 14-16 Mar 1994
ISSN: 1045-9472 JRNL CODE: BSE
WORD COUNT: 229

...TEXT: T System 3000 environment. The deal also means that AT&T will help distribute the **software** to **trading floor** front ends. Traders can then **move** seamlessly between Applix's Unix-based real-time spreadsheets and a variety of host database...

7/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00800772 94-50164
Chase's traders get head shots
Day, Jacqueline
Bank Systems & Technology v30n12 PP: 56 Dec 1993
ISSN: 1045-9472 JRNL CODE: BSE
WORD COUNT: 716

...TEXT: a plan which hints at the vaunted information superhighway: "Our other vision is creating a **virtual trading floor**," Puri says, "where what we mean is, any one of our people can **move** anywhere and easily have access to their own market information and their own in-house applications. It's saying that you can **move** from Desk A to Desk B and push one button and all you need to..."

7/3,K/8 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

08584756 Supplier Number: 57888072 (USE FORMAT 7 FOR FULLTEXT)
ICE launches business-to-business, interactive, vertical exchange. (Brief Article)

Feedstuffs, v71, n47, p16

Nov 15, 1999

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 315

... such as corn, wheat, soybeans and feed byproducts by simulating pit trading in an "online **outcry**" environment. The efficiencies of a futures exchange are applied to the "cash" commodity market by providing traders with a **virtual trading floor** offering clear rules, industry-wide pricing and open market information.

A commodity trader can utilize...

7/3,K/9 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

08300549 Supplier Number: 67373622 (USE FORMAT 7 FOR FULLTEXT)

Views from the edge.

Computer Business Review, v7, n10, pS35

Oct, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1602

... popularity away from the desktop. In March, the New York Stock Exchange switched on a **3D trading floor** based on Silicon Graphics (SGI) technology. The system monitors network performance, order flow, price **movement** and other variables in real time, looking for unusual trends and anomalies and presents them...

7/3,K/10 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

07197397 Supplier Number: 61182233 (USE FORMAT 7 FOR FULLTEXT)

ONE-WIRE WONDERS. (Technology Information)

Michael, Bill

Computer Telephony, v8, n3, p88

March, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 9293

... ring. You also get auto attendant, voicemail, IVR, and unified messaging (through integration with Exchange).

An optional **piece** of software, **Multi** -Conference 2.1 (\$3,995 per server), expands the standard conferencing capability from three to 12 parties on multiple simultaneous conferences. Moves, **adds**, and changes are managed through a Windows GUI. Optional TAPI 2.1-compliant Sphere Client...

7/3,K/11 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

06844611 Supplier Number: 57898184 (USE FORMAT 7 FOR FULLTEXT)

Data Base Software Firm Sybase to Buy Home Fin'l Network. (Sybase Inc./Home Financial Network Inc.) (Statistical Data Included)

Power, Carol
American Banker, v164, n230, p1
Dec 2, 1999
Language: English Record Type: Fulltext
Article Type: Statistical Data Included
Document Type: Magazine/Journal; Trade
Word Count: 620

... a new financial services Internet company. The subsidiary would be a vehicle for Sybase to **move** beyond its currently limited role in financial services, where it has had the most success as a provider of data base **software**, mainly to **trading floors**.

Sybase's intent is to "create an Internet global financial services company," said Michon M...

7/3,K/12 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06773643 Supplier Number: 57066154 (USE FORMAT 7 FOR FULLTEXT)
ICE Corp. Launches First Interactive Commodities Trading Site.
PR Newswire, p3920
Nov 1, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 825

... such as corn, wheat, soybeans and feed by-products, simulating pit trading in an "online **outcry**" environment. Icecorp.com applies the efficiencies of a futures exchange to the "cash" commodity market by providing traders with a **virtual trading floor** offering clear rules, industry-wide pricing and open market information.

"ICE will redefine the way...

7/3,K/13 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05926945 Supplier Number: 53165838 (USE FORMAT 7 FOR FULLTEXT)
Sybase Creates Financial Tech Lab. (Company Operations)
Rosen, Michele
ENT, p10(1)
Nov 4, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Professional
Word Count: 590

... financial industry, according to Sybase representatives. The securities industry, in particular, is going through a **wave** of database consolidation that calls for ever more powerful systems, according to Michon Schenck, vice...

...indicated that Sybase has also seen tremendous growth of NT penetration among financial services companies. " **Virtually every trading floor** will have NT on the desktop," she added.

If this center is successful, Sybase plans...

7/3,K/14 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04005092 Supplier Number: 45817494 (USE FORMAT 7 FOR FULLTEXT)
Amex To Adopt Wireless Terminals For Trading 09/27/95
Newsbytes, pN/A
Sept 27, 1995

Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 337

... tickets currently used to record trading information. Sedaret said they could also replace the hand **signals** and shouting that traders have traditionally used to exchange information among themselves on the **trading floor**.

Cone **Software** Inc. of Boothwyn, Pennsylvania, is developing a gateway software system to manage information transmitted over...

7/3,K/15 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

03125987 Supplier Number: 44263559 (USE FORMAT 7 FOR FULLTEXT)
CHASE'S TRADERS GET HEAD SHOTS
Bank Systems + Technology, p56
Dec, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 728

... a plan which hints at the vaunted information superhighway: 'Our other vision is creating a **virtual trading floor**,' Puri says, 'where what we mean is, any one of our people can **move** anywhere and easily have access to their own market information and their own in-house applications. It's saying that you can **move** from Desk A to Desk B and push one button and all you need to...

7/3,K/16 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09187116 SUPPLIER NUMBER: 18996289 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Introduction to options. (financial instruments) (Mastering Management)
Nyborg, Kjell
Financial Post, pS6(3)
Nov 16, 1996
ISSN: 0015-2021 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 4311 LINE COUNT: 00326

... Figures 1 and 4. Observe that the portfolio is completely exposed to the risk of **movements** in XYZ's stock price - every penny gained or lost in XYZ's stock price...

...Moreover, this is the only risk you face. (This ignores counterparty risk on the call. **Exchange** traded **options** have **virtually** no counterparty risk since all contracts are written with the exchange as the counterparty.) As...

7/3,K/17 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01840613 SUPPLIER NUMBER: 17488885 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Amex To Adopt Wireless Terminals For Trading.
Newsbytes, pNEW09270019
Sep 27, 1995
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 334 LINE COUNT: 00032

... The New York Stock Exchange has also said it does not plan to replace its **trading floor** with an electronic system. Some other exchanges, such as the Toronto Stock Exchange, are **moving** toward

completely electronic trading.

The wireless terminals will accept input using an electronic pen, and

...

...tickets currently used to record trading information. Sedaret said they could also replace the hand **signals** and shouting that traders have traditionally used to exchange information among themselves on the **trading floor**.

Cone **Software** Inc. of Boothwyn, Pennsylvania, is developing a gateway software system to manage information transmitted over...

7/3,K/18 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01261155 SUPPLIER NUMBER: 06270501 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The new wave in trading room technology.

Sahgal, Pavan; Schmerken, Ivy

Wall Street Computer Review, v5, n4, p29(12)

Jan, 1988

ISSN: 0738-4343 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 7771 LINE COUNT: 00627

... testing. In December 1987, Perold planned to install 20 additional positions for money market traders, **moving** to a new **trading floor**. Teknekron wrote **software** to read each vendor's digital feed. Each trader has a Sun/3 workstation with...

7/3,K/19 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

02647049 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Data Base Software Firm Sybase to Buy Home Fin'l Network

(Home Financial Network (Westport, CT), a developer of Internet banking software, to be acquired by Sybase Inc (Emeryville, CA) for \$130 mil in cash and stock; Sybase wants presence in retail Internet banking)

American Banker, v 164, n 230, p 1

December 02, 1999

DOCUMENT TYPE: Newspaper ISSN: 0002-7561 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 608

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...a new financial services Internet company. The subsidiary would be a vehicle for Sybase to **move** beyond its currently limited role in financial services, where it has had the most success as a provider of data base **software**, mainly to **trading floors**.

Sybase's intent is to "create an Internet global financial services company," said Michon M...

7/3,K/20 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

08281978 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Eye On North Asia: Showfloor: Exhibitors Target Corporate Buyers

Frances Chan

ASIA COMPUTER WEEKLY

November 22, 1999

JOURNAL CODE: FACW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 606

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ACE, said the new trading floor allows ISPs and the bandwidth traders to monitor market **movements** in real-time and respond quicker to market opportunities as they arise.

Ng noted: "With...

7/3,K/21 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05301974 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Electricity Trading Over the Internet Begins in Six New England States
BUSINESS WIRE
May 13, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1104

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... region. This milestone is a significant step for New England's electricity industry as it **moves** to expand the competitive forces in the region's wholesale electricity marketplace.

ISO New England...

7/3,K/22 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0008048378 BOFLAFYAHEFT
Mastering Management - Part 6 (5): Introduction to options - Finance /
Options are superficially complex but fundamentally simple financial
instruments that offer companies substantial advantages
KJELL NYBORG
Financial Times, P V
Friday, December 1, 1995
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 4,191

...Figures 1 and 4. Observe that the portfolio is completely exposed to the risk of **movements** in XYZ's stock price - every penny gained or lost in XYZ's stock price...

...Moreover, this is the only risk you face. (This ignores counterparty risk on the call. **Exchange** traded **options** have **virtually** no counterparty risk since all contracts are written with the exchange as the counterparty.) As...

7/3,K/23 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04174080 Supplier Number: 54653878 (USE FORMAT 7 FOR FULLTEXT)
ANDERSON CONSULTING: Electricity trading over the Internet begins in six
New England states.
M2 Presswire, pNA
May 14, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 901

... the six New England states started May 1 as ISO New England began operating a **virtual trading floor** via the Internet for New England's wholesale electricity market. Up to 130 electricity generators...

...region. This milestone is a significant step for New England's electricity industry as it **moves** to expand the competitive forces in the region's wholesale electricity marketplace.
ISO New England...

7/3,K/24 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03591896 Supplier Number: 47434982 (USE FORMAT 7 FOR FULLTEXT)
BIDNASK.COM BIDS FOR THE FUTURE OF EC Real-Time Internet Trading Floor
Mimics Stock Exchange
Electronic Commerce News, v2, n22, pN/A
June 2, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; General
Word Count: 1403

... real-time World Wide Web site where any number of people can gather on a **virtual trading floor** to **move** or purchase goods at the best possible price they can find.
Jim Lennane, a longtime...

7/3,K/25 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1131441 NYM109
New Bermuda Commodities Exchange Will Offer ' Virtual Open Outcry '
Trading in Insurance Risk Options

DATE: July 28, 1997 11:42 EDT WORD COUNT: 820

New Bermuda Commodities Exchange Will Offer ' Virtual Open Outcry '
Trading in Insurance Risk Options

?t 7/7/25

7/7/25 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1131441 NYM109
New Bermuda Commodities Exchange Will Offer 'Virtual Open Outcry'
Trading in Insurance Risk Options

DATE: July 28, 1997 11:42 EDT WORD COUNT: 820

HAMILTON, Bermuda, July 28 /PRNewswire/ -- The Bermuda Commodities Exchange, the new marketplace for hedging and investing in catastrophic insurance risk, disclosed details today of how it will structure and trade options. The Exchange expects to begin operations in September.

The Bermuda Commodities Exchange was authorized by act of the Bermuda Parliament in 1996 and is under the supervision of the Bermuda Monetary Authority. The Exchange will offer members the opportunity to conduct "virtual open outcry" trading in options contracts based on an index of insured homeowner losses due to atmospheric perils in particular regions of the United States over specified periods. Trading will be in U.S. dollars.

Thomas C. Heise, the President of the Bermuda Commodities Exchange, said, "We're very pleased with the progress of the Bermuda Commodities Exchange and are excited at the prospect of commencing trading. Insurers and reinsurers will find our catastrophic risk options instruments a unique way to hedge their risk, and investors will have an attractive new way to put their money to work."

Initially, the Exchange will offer options covering six-month periods -- January through June, July through December -- for the following regions: Florida, Northeast, Southeast, Gulf Area, Midwest and National. Contracts will cover damage from a single event or aggregate damage over the covered period.

The option buyer (holder) will pay a premium to a seller (the writer), and the latter will be liable for payment of a specified amount if losses in the particular region and time period from hurricanes, tornadoes, windstorms, hail and/or freezing temperatures exceed a specified loss-to-value ratio. Prices of particular options contracts may fluctuate as trading takes place during the risk period.

Trading will be done via an automated, electronic system that connects all the members in a "virtual open outcry" arrangement. The open outcry style of trading commodities has been successful in dealing with volatility in other commodities. The prices and quantities of all bids and offers will be displayed without disclosing the identity of any particular trading member or customer.

The options will be based on a loss-to-value index compiled and regularly updated by IndexCo, an affiliate of Guy Carpenter & Company, Inc. The Guy Carpenter Catastrophe Index (GCCCI) is designed to measure the amount of insured damage to homes in the United States from atmospheric perils. The GCCCI combines the loss experience of specifically chosen insurance companies within each geographic area covered by the GCCCI to estimate industry loss-to-value ratios.

In seeking to provide an accurate measure of actual losses, the GCCCI calculates losses against property values down to the individual zip code level -- with an average of 12 insurance companies reporting their results per zip code area.

For every geographic area covered by the GCCCI, two types of indices are produced: the Event GCCCI measures the damage from a given catastrophe, and the Aggregate GCCCI measures the total atmospheric damage during a given

period of time.

The Exchange will be owned and governed by its members. The initial membership of the Exchange is expected to include affiliates of American International Group, Inc., Chase Manhattan Bank, and Guy Carpenter & Company, Inc. For the first three years, these members will elect the seven-member Board of Directors. Subsequently, when all voting members elect the board, the initial members will have the right to elect one director.

The Exchange will have up to 100 members, consisting primarily of insurance companies, reinsurers, commercial and investment banks, and other financial institutions. Only members will have direct access to trade on the Exchange, and they will be able to trade the options for their proprietary accounts and for customers.

All members of the Exchange will also be members of the Bermuda Commodities Exchange Clearing House, which will clear and settle all transactions. All contracts will be fully collateralized, which eliminates direct counterparty credit risk.

AIG will be the majority owner of the Clearing House. Chase and Guy Carpenter will have equity stakes, as will a private partnership that includes Mr. Heise.

Options contracts will be in units of \$5,000. Traders will be able to enter orders via their computer, onsite at an Exchange terminal, or via phone or fax. Bids and offers will be matched for the various series of options. Option writers will be required to deposit the necessary margin and option holders will be required to deposit the necessary premiums before the Clearing House will clear a transaction. Set fees will be charged to handle the transactions.

By using its unique new system to allow for hedging and investing in catastrophic risk, the Bermuda Commodities Exchange will provide a new source of capital to protect against infrequent but potentially devastating losses to insurers. At the same time, it is creating a potentially profitable new asset class for investors.

SOURCE Bermuda Commodities Exchange

CONTACT: Robert McGrath or Larry Simonberg of The Weiser Group, 212-684-4440, for the Bermuda Commodities Exchange

Set	Items	Description
S2	9987613	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIMIC? OR - RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S3	8561358	HAND? ? OR BODY OR FINGER? OR HEAD? ? OR ARM? ?
S4	9783275	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S5	91237	S3(2N)S4
S6	2845	S5(10N)S2
S7	377	S6(10N)(VIRTUAL? OR AVATAR? OR VR OR COMPUTER? OR ON()LINE OR ONLINE OR INTERNET OR WEB? OR SOFTWARE OR 3()D OR GRAPHICA- L?)
S8	318	S7 NOT PY>2000
S9	273	S8 NOT PD=20000331:20050514
S10	206	RD (unique items)
S11	15	S10(S)(AUCTION? OR TRAD???? OR STOCK? ? OR DUTCHAUTION? OR EXCHANGE? OR MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME OR EUREX OR SALE? ? OR BIDD- ??? OR NIKKEI? OR TSE OR OPTION? OR COMMODIT?)

?show files

File 15:ABI/Inform(R) 1971-2002/May 13
(c) 2002 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2002/May 13
(c) 2002 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/May 14
(c)2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/May 13
(c) 2002 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2002/May 13
(c) 2002 The Gale Group

File 9:Business & Industry(R) Jul/1994-2002/May 13
(c) 2002 Resp. DB Svcs.

File 20:Dialog Global Reporter 1997-2002/May 14
(c) 2002 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2002/May 14
(c) 2002 Financial Times Ltd

File 610:Business Wire 1999-2002/May 14
(c) 2002 Business Wire.

File 613:PR Newswire 1999-2002/May 14
(c) 2002 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2002/May 13
(c) 2002 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2002/May 12
(c) 2002 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2002/May 13
(c) 2002 The Gale Group

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 95:TEME-Technology & Management 1989-2002/APR W2
(c) 2002 FIZ TECHNIK

11/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01864295 05-15287

Imagineering the future of the Internet: Sketches from the year 2010

Wright, Christopher M

American Society for Information Science. Bulletin v25n4 PP: 26-29

Apr/May 1999

ISSN: 0095-4403 JRNL CODE: BAS

WORD COUNT: 3063

...TEXT: Looking ahead to the new addressing and selectable QoS functionalities of IPv6, MCM sees a **market** for Web-connected 'data suits' or 'smart clothing' that will help rehabilitate stroke victims and...

... to network computers, resulting in spectacular 3D visualizations based on minute calibrations of muscle and **finger movements**. A dozen sensors might be enough to create stick figure **representations** on one local **computer**, but it will take IPv6 addressing and the distributed computing power of the Net to...

11/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00973602 96-22995

Will cost cutting hurt European quality?

Anonymous

Ward's Auto World v30n11 PP: 23-24 Nov 1994

ISSN: 0043-0315 JRNL CODE: WAW

WORD COUNT: 625

...TEXT: Ion will be sold in the 1998-'99 timeframe.

* Automobiles Citroen SA says it will **market** the world's first production car with active roll control early next year. The system...

... body roll during cornering. Citroen has patented Activa, which was developed from its Hydractive II **computer**-controlled suspension already found on some production **models**. The system detects any **body movement** in corners and instantly stiffens the suspension to minimize roll. It is reported to remain...

11/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00762314 94-11706

Virtual reality derivatives for fun - And maybe profit

Knox, Lewis

Institutional Investor v27n9 PP: 23 Sep 1993

ISSN: 0020-3580 JRNL CODE: IL

WORD COUNT: 480

...TEXT: hand. The computer then quickly updates its financial model to adjust to the new graph.

Virtual reality gadgets probably aren't about to sweep Wall Street. Most **traders** don't need such a visualization aid, which can be a bit disorienting, particularly if...

... innovate--a few years ago. The real test, of course, is whether virtual reality derivatives **trading** will produce real profits.

11/3,K/4 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06198483 Supplier Number: 54128629 (USE FORMAT 7 FOR FULLTEXT)
WHIRLPOOL AGITATES LAUNDRY BUSINESS. (Brief Article)
Beatty, Gerry
HFN The Weekly Newspaper for the Home Furnishing Network, p40(1)
March 8, 1999
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; General
Word Count: 470

... GSL9365E at the top of the line provides 12 automatic cycles, including an extra-rinse **option** and a Pulse Action for delicates which **mimics hand-washing motions**; six speed combinations; six water temperatures monitored by the AccuWash **computer** chip; the Quiet Wash Plus insulation package; a self-cleaning lint filter; Quick Select timer...

11/3,K/5 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05170488 Supplier Number: 47891090 (USE FORMAT 7 FOR FULLTEXT)
WHAT DOES A WELL-DRESSED PERSON WEAR IN CYBERSPACE? A CYBERSUIT, OF COURSE
Computergram International, pN/A
August 5, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 261

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Inc will announce its CyberSuit wireless full-body motion capture suit at the Siggraph 97 **trade** show next week. Based on the technology in the company's CyberGlove, CyberSuit uses Virtual...

...During use the CyberSuit is untethered and does not need any external reference sensors. A **moving graphical body model** may be displayed in real-time, which allows for "on-the-fly" generation of computerisedimagery...

11/3,K/6 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04963710 Supplier Number: 47293521 (USE FORMAT 7 FOR FULLTEXT)
Click and stumble: Beware a cyber-tumble!
Cleaver, Joanne
Crain's Chicago Business, p17
April 14, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 380

... an eyeball icon: I had rotated my head, not my whole virtual self. As my **computer** and Andersen's **exchanged** data through the notoriously erratic Internet system, it was hard to keep my mouse movement ...

11/3,K/7 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

02707746 Supplier Number: 43617574 (USE FORMAT 7 FOR FULLTEXT)
MEASURING MACHINE IS NEW FROM THE BASE UP
Precision Toolmaker, p26
Feb, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 631

... and 3500mm in Z make the TM4 the largest of the standard versions.
Among the **options** is the degree of automation. This extends from manual machines with electronic digital readout to fully automatic machines under **computer** control.
In configuration, the Model TM is a moving horizontal arm CMM. Its arm and...

11/3,K/8 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

11539954 SUPPLIER NUMBER: 57873270 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New and Improved Past Winners.(educational software roundup)(Buyers Guide)
Technology & Learning, 20, 4, 26
Nov, 1999
DOCUMENT TYPE: Buyers Guide ISSN: 1053-6728 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 964 LINE COUNT: 00085

... v. 4.0, one of a number of successors to 1988's winner SuperKey, features **3 - D** graphics and videos that **model** correct **hand** and **finger motions**. Also offered are text and speech **options** to accommodate special needs, and ergonomic and injury prevention instruction. Online help and "Web-ready..."

11/3,K/9 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07854480 SUPPLIER NUMBER: 16830881 (USE FORMAT 7 OR 9 FOR FULL TEXT)
EASY-TO-USE, GLOVE-BASED INTERFACE FOR WORK AND PLAY IN VIRTUAL WORLDS NOW AVAILABLE FROM FAKESPACE
PR Newswire, p515SJ006
May 15, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 877 LINE COUNT: 00082

... the capability to support a wide range of gestures.
"The complex gloves now available for **virtual** reality development are useful in applications where a kinematic **model** of the human hand, supporting precise **finger** and joint **movements**, is required. However, a simple, lower cost glove that supports a wide range of tactile..."

...may be more desirable in many applications," said David Eggleston, vice president of marketing and **sales** for Fakespace, Inc. "By focusing on our customers' stated needs, we have been able to..."

11/3,K/10 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

02321673 SUPPLIER NUMBER: 03710856 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Forecasting a profit; Weather Services Corp. has made a business, if not a science, of predicting the weather.
Mamis, Robert A.
Inc., v7, p119(1)
April, 1985

ISSN: 0162-8968 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 744 LINE COUNT: 00056

... babe. Today, though, WSC could be housed in an underground silo. Over the last decade, **computer** meteorological **modeling** has rendered **waving** a wet **finger** in the air as passe as writing with a pencil. During the same 10 years...

...number of WSC accounts to close to 600 throughout the world, and have raised gross **sales** to more than \$2 million. From radio studios in its two-story Colonial-style headquarters...

11/3,K/11 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01677552 SUPPLIER NUMBER: 15322842 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Virtual reality resource guide. (Directory)
Heath, Jenny
AI Expert, v9, n5, p32(14)
May, 1994
DOCUMENT TYPE: Directory ISSN: 0888-3785 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 15237 LINE COUNT: 01288

... Ont. M5V 1P9, Canada (416) 340-9290, fax (416) 348-9809.
VPL Research Inc.
DataGlove **Model 4** System. Patented input device converts **hand gestures** and positions into **computer** -readable form. The system consists of a DataGlove, a desktop control unit (that supports up...
...Interfaces to host computers via RS-232 serial communications, Software for SGI, Macintosh, and IBM. **Optional** Polhemus 3Space Isotrak 11, Fastrack, or other tracking systems, Price: contact vendor.
Advanced DataGlove Unix...

11/3,K/12 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02401449 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Whirlpool Agitates Laundry Business
(Whirlpool is introducing its Ultimate Care II laundry series)
HFN, v 73, n 10, p 40
March 08, 1999
DOCUMENT TYPE: Journal ISSN: 1082-0310 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 469

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...GSL9365E at the top of the line provides 12 automatic cycles, including an extra-rinse **option** and a Pulse Action for delicates which **mimics hand** -washing **motions** ; six speed combinations; six water temperatures monitored by the AccuWash **computer** chip; the Quiet Wash Plus insulation package; a self-cleaning lint filter; Quick Select timer...

11/3,K/13 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04510138 Supplier Number: 57841553 (USE FORMAT 7 FOR FULLTEXT)
Hotware; A Review of New Products.
Ochiva, Dan

Millimeter, pNA
Oct, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 655

... Technologies now distributes VirtualHand Suite 2000, a developer's tool kit that hand-enables various **software** applications. The **software** adds **graphical** on-screen **hand motion**, **hand** interaction, and hand force feedback to **simulation** applications. Modules include CyberGlove, CyberTouch, and CyberGrasp. The company says that together these allow users initially for the CAD and R&D **markets**, the tools include a Java-based Device Configuration Utility, real-time collision-detection capabilities between...

11/3,K/14 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2002 FIZ TECHNIK. All rts. reserv.

00663059 E93033903046

Three-dimensional graphic analysis for studies of neural disorders of movement

(Dreidimensionale graphische Analyse fuer die Untersuchung von neuronalen Bewegungsstoerungen)

Abhay Kothari; Poizner, H; Figel, T
Rutgers Univ. Newark, USA

Visual Data Interpretation, San Jose, USA, 10-11 February 19921992

Document type: Conference paper Language: English

Record type: Abstract

ABSTRACT:

...target and finger distance, azimuth, and elevation from the shoulder can also be presented. Finally, **software** was developed to display the reconstructed **motion** of the **arm** by **representing** the various segments of the arm as surfaced cylinders. Effects of light source, shading and...

...to reproduce the velocity patterns inherent in the digital trajectory records. There are various interactive **options** for viewing the moving image of the arm together with representations of the trajectories of...

11/3,K/15 (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2002 FIZ TECHNIK. All rts. reserv.

00605887 M92093588558

Kinematics of nonconventional grinding

(Kinematische Betrachtungen beim nichtkonventionellen Schleifen)

Dabrowski, L; Marciniak, M; Rajurkar, KP

Warsaw Univ. of Technol., PL; Univ. of Nebraska, Lincoln, USA

Computer-Aided Production Engineering, 7th Int. Conf., Tennessee

Technological Univ., Cookeville, TN, USA, 13.-14.8.19911991

Document type: Conference paper Language: English

Record type: Abstract

ABSTRACT:

...transportation, is presented in the paper. It corresponds to the working conditions of a wheel **head** with **rotatable** abrasive segments. The **computer** method of such complex machining motion **modeling** enables the determination the following parameters to obtain constant intensity of allowance removal or minimize the errors of surface shape: grains dislocations trajectories, speed of displacement on an **optional** segment of a trajectory, dominating directions of geometric structure in any place of the surface...

?

7/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07123373 **Image available**
ELECTRONIC TRANSACTION SYSTEM

PUB. NO.: 2001-351041 [JP 2001351041 A]
PUBLISHED: December 21, 2001 (20011221)
INVENTOR(s): HOSHINO TAKAHIRO
APPLICANT(s): SOLVEX CO
APPL. NO.: 2000-171848 [JP 2000171848]
FILED: June 08, 2000 (20000608)
INTL CLASS: G06F-017/60; G07D-009/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic transaction system capable of completely or almost preventing the generation of a trouble inherent in mail-order business concerned with a transaction.

SOLUTION: In a commercial transaction for allowing a commodity selling agency to present the commodity information of a certain commodity to a user 4 through a proper advertisement medium such as a home page of the Internet and allowing the user 4 to select the commodity on the basis of the presented information, show the will of purchase to the selling agency and **exchange** the **commodity** with its price, the site of a settlement system is set up by a third person other than the selling agency and the user 4 in order to check the will concerned with the selling/buying of the commodity between the selling agency and the user 4, a **virtual** account is opened on the site, the user 4 intending to purchase the commodity temporarily transfers the required amount of the commodity on the **virtual** account. When the selling agency checks the temporary transfer, the commodity is delivered from the selling source to the user 4, the reception of the commodity by the user 4 is checked, and after the lapse of prescribed time such as a cooling-off period, the **movement** of the price stored in the **virtual** account to the real account of the selling agency is permitted.

COPYRIGHT: (C)2001,JPO

7/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

06371546 **Image available**
MULTI-MEDIA TELEPHONE SET

PUB. NO.: 11-313164 [JP 11313164 A]
PUBLISHED: November 09, 1999 (19991109)
INVENTOR(s): SHIBATA MICHIKAZU
APPLICANT(s): SHIBATA MICHIKAZU
APPL. NO.: 10-153492 [JP 98153492]
FILED: April 27, 1998 (19980427)
INTL CLASS: H04M-011/00; H04M-001/00; H04M-011/06; H04N-001/00;
H04N-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To easily perform image information exchange and **software** function correction in addition to the conventional telephone function by providing a telephone set with an image input/output device capable of accepting handwriting and an external storage device for storing a **software** program for controlling various kinds of functions of the telephone set.

SOLUTION: This telephone set is provided with an image input/output device 2 capable of accepting handwriting and an external storage device 3 for storing a **software** program for controlling various kinds of function of

the telephone set. When an opposite side telephone and a line are connected, **signal** information for confirming the function of an opposite side telephone set is **exchanged** at an **optional** timing. In addition to normal voice information exchange, image information is exchanged. The call termination of a telephone is reported by a conventional type vibrator or a wrist band type vibrator operated by a **signal** from the telephone set.

COPYRIGHT: (C)1999,JPO

7/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

03845250 **Image available**
EXCHANGING DEVICE FOR COMMODITY BASE

PUB. NO.: 04-210350 [JP 4210350 A]
PUBLISHED: July 31, 1992 (19920731)
INVENTOR(s): HOTTA TAKAYOSHI
TAKI YUKIO
TANIMURA MITSUNORI
APPLICANT(s): OKUMA MACH WORKS LTD [350858] (A Japanese Company or Corporation), JP (Japan)
OOKUMA GIKEN KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-341116 [JP 90341116]
FILED: November 30, 1990 (19901130)
INTL CLASS: [5] B23Q-007/00
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 26.9 (TRANSPORTATION -- Other)
JAPIO KEYWORD: R062 (MACHINERY -- Automatic Tool Exchanging Equipment, ATC)
JOURNAL: Section: M, Section No. 1339, Vol. 16, No. 553, Pg. 143, November 24, 1992 (19921124)

ABSTRACT

PURPOSE: To reduce space with a transfer mechanism being miniaturized by subjecting the nonrestrained end of a straight link to a rectilinear **moving** in the orthogonal direction with the bisector of the revolving angle of a fluid pressure cylinder device with the telescopic **motion** of the piston rod of the fluid pressure cylinder device.

CONSTITUTION: When the pressure fluid feeding of a fluid pressure cylinder 20B is changed over and a piston rod 21B is contracted, the arm 22Ba of a doglegged type lever 22B is revolved with its being pulled and the lever 22 becomes in the position of a **virtual** line. At this time a linear link 23B pivotally supported on the arm 22Bb end is also revolved together, but is **moved** inside a groove because of the roller 24Bb of the arm 23Bb being engaged with the guide groove of a regulating plate 25. With this **movement** the linear link 23B is **rotated** and revolved and the roller 24Ba of the arm 23Ba end traces the locus of a straight line A and becomes at the position of 24Ba'. Because the arm length of the lever 22B and that of the link 23B are equal altogether and the center of the regulating plat 25 is located on the line connecting the doglegged type levers 23A and 23B, and the center **moving** distance of the roller 24Ba to the revolving end distance of the pivotally support point of the arm 22Bb end becomes two times.

7/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

03452767 **Image available**
THREE - DIMENSIONAL HOUSING TOWER AND FORK TYPE DELIVERY DEVICE IN THREE - DIMENSIONAL HOUSING TOWER

PUB. NO.: 03-115667 [JP 3115667 A]
PUBLISHED: May 16, 1991 (19910516)

INVENTOR(s): GO JUNICHI
APPLICANT(s): GO JUNICHI [000000] (An Individual), JP (Japan)
APPL. NO.: 02-217761 [JP 90217761]
FILED: August 18, 1990 (19900818)
INTL CLASS: [5] E04H-006/18; E04H-006/22
JAPIO CLASS: 27.2 (CONSTRUCTION -- Building); 26.2 (TRANSPORTATION -- Motor Vehicles); 26.9 (TRANSPORTATION -- Other)
JOURNAL: Section: M, Section No. 1145, Vol. 15, No. 314, Pg. 11, August 12, 1991 (19910812)

ABSTRACT

PURPOSE: To rapidly and safely conduct housing by providing a lifting device and a transverse tray, mounting the transverse tray on a transverse roller frame, pivotally supporting the tray by a plurality of rollers, and freely delivering a housed material by the lifting of both lifting forks.

CONSTITUTION: A vehicle is advanced to a lifting space E in the state where lifting forks 1a, 1b are landed on the ground, and the wheels are placed on the forks. A motor M is driven to raise and stop the lifting forks 1a, 1b onto an **optional floor**. A roller 8 is driven by a sub-motor to transversely **move** a transverse tray 5 from housing partitions X, Y to the lifting space E, the tray is stopped in a position where the lifting forks 1a, 1b are engaged with a housing fork 6, and then the lifting fork 1 is lowered. Then, the roller 8 is driven to transversely **move** the transverse tray 5 to the housing partitions X, Y to finish the docking. Hence, precise positioning of the fork is not required, and housing and carrying out can be conducted safely and speedily.

7/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2002 JPO & JAPIO. All rts. reserv.

01923352 **Image available**

CRIME PREVENTIVE SOUND RECORDING CONTROLLER

PUB. NO.: 61-137452 [JP 61137452 A]
PUBLISHED: June 25, 1986 (19860625)
INVENTOR(s): ISHII KENJI
SHIMIZU MIDORI
KURODA MASAHIKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
NEC ENG LTD [329822] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-260379 [JP 84260379]
FILED: December 10, 1984 (19841210)
INTL CLASS: [4] H04M-003/60; H04M-003/50
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 453, Vol. 10, No. 332, Pg. 73, November 12, 1986 (19861112)

ABSTRACT

PURPOSE: To make a channel to correspond to an **exchange** group **optionally** and to reduce the cost of the whole system by letting a cassette deck to start or stop sound recording when control information is detected in some of audio **signals** corresponding to respective channels sent from a control part through a CODEC.

CONSTITUTION: A trunk control part 6 analyzes the contents of a start **signal** A and sends a control **signal** D to a CODEC control part. The CODEC control part 4 inserts its control contents, i.e. sound recording start indication into the time slot of a PCM **signal** of a channel specified with the control **signal** D, and the **signal**. The PCM **signal** containing the control contents is converted by the CODEC9 into an original audio **signal**, which is sent to a trunk 11. The trunk 11 starts the cassette deck 13 according to the control contents and at the same time, a busy **signal** is outputted corresponding to the channel. This busy **signal**

B is sent to an exchange 22 through the opposite route of the route of the start signal A. Consequently, a blocking state is securely through software .

7/5/6 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014413251 **Image available**
WPI Acc No: 2002-233954/200229

System and method for integrating game and advertisement through virtual object

Patent Assignee: KIM D H (KIMD-I)
Inventor: KIM D H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001097853	A	20011108	KR 200022261	A	20000426	200229 B

Priority Applications (No Type Date): KR 200022261 A 20000426

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001097853	A	1	G06F-017/60	

Abstract (Basic): KR 2001097853 A

NOVELTY - A system and method for integrating a game and an advertisement is provided to supply an opportunity capable of exchanging a collected item with an actual commodity to a user instructing a command to a **virtual** object by performing a game and collecting items capable of applying to an actual life and to support an advertising effect with respect to an item to an advertiser by supporting to the advertiser for recognizing the item to the users.

DETAILED DESCRIPTION - A user terminal(20) capable of using an internet communication, a game supporting server(30) providing a **virtual** object rearing game service, and an affiliated concern server(40) are connected thereto on a wire/wireless communication network(10). The user terminal(20) stores a wire communication interface unit or a wireless communication interface unit capable of performing a wire or wireless internet communication, and manages the unit in a game supporting server on the internet. The game supporting server(30) supplies a game service in accordance with a **virtual** rearing game service requesting **signal** from the user terminal(20). The game supporting server(30) may include a member information database(32) and an advertisement information database(34) for storing a plurality of advertisement information for suggesting an advertisement to a user. An operator of the affiliated concern server(40) supplies a specific item commodity to the game supporting server(30) or performs an **exchanging** of **commodity** in accordance with the item or accumulated points.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; INTEGRATE; GAME; ADVERTISE; THROUGH; **VIRTUAL** ; OBJECT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/7 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014334294 **Image available**
WPI Acc No: 2002-154997/200220

XRPX Acc No: N02-117811

Computer based virtual reality trading system that simulates virtual environment of active trading floor has device for a number of traders to interact and complete trades via their virtual trader

persons on virtual trading floor

Patent Assignee: MELKOMIAN R (MELK-I)

Inventor: MELKOMIAN R; SARMA S

Number of Countries: 093 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200205182	A1	20020117	WO 2001US21377	A	20010706	200220 B

Priority Applications (No Type Date): US 2000216195 P 20000706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 200205182	A1	E 52	G06F-017/60	
--------------	----	------	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

Abstract (Basic): WO 200205182 A1

NOVELTY - A device is provided for generating an interactive
virtual trading floor space and for generating virtual trader
persons corresponding to virtual images of the number of traders in
it and for supporting interactive trading between a number of the
virtual trader persons. A device is used for the number of traders to
interact and complete trades via their virtual trader persons on the
virtual trading floor .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a method for trading financial products in a virtual reality
environment

(b) a computer trading system for trading financial product

USE - In exchanging of various securities and commodities that
simulates in a virtual environment an active trading floor .

ADVANTAGE - Creates a virtual environment that simulates a
trading floor , enables users to electronically use an open outcry
auction for trading securities and to participate on a virtual
trading floor environment utilizing the open outcry method, as a
direct substitute for an actual trading floor .

DESCRIPTION OF DRAWING(S) - The drawing shows a view of a virtual
exchange floor according to the present invention.

pp; 52 DwgNo 4a/8

Title Terms: COMPUTER; BASED; VIRTUAL ; TRADE; SYSTEM; SIMULATE; VIRTUAL
; ENVIRONMENT; ACTIVE; TRADE; FLOOR; DEVICE; NUMBER; INTERACT; COMPLETE;
VIRTUAL ; PERSON; VIRTUAL ; TRADE; FLOOR

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/8 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014269244 **Image available**

WPI Acc No: 2002-089942/200212

XRPX Acc No: N02-066247

Computing system for operational scheduling and trading of electrical
power as applied to grids of AC power networks.

Patent Assignee: AUTOMATED POWER EXCHANGE INC (AUTO-N)

Inventor: CAZALET E G; SAMUELSON R; STREMEL J; TENEV T

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200190996	A2	20011129	WO 2001US15858	A	20010516	200212 B
AU 200163198	A	20011203	AU 200163198	A	20010516	200221

Priority Applications (No Type Date): US 2000613685 A 20000711; US
2000206852 P 20000523

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200190996 A2 E 201 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200163198 A G06F-017/60 Based on patent WO 200190996

Abstract (Basic): WO 200190996 A2

NOVELTY - The computing system supports transactions involving ephemeral commodities such as electrical power and its transmission, and trading such commodities to create commitments, scheduling, and settling the commitments. The system includes a market engine that supports a **virtual trading floor** and external market trading by certified clients of the system.

DETAILED DESCRIPTION - An independent claim is included for a method of interacting with clients.

USE - To integrate trading activities and scheduling for certified clients.

ADVANTAGE - Upgrades of one component do not affect the integrity of other components.

DESCRIPTION OF DRAWING(S) - Flow chart showing interaction between clients

pp; 201 DwgNo 1A/29

Title Terms: COMPUTATION; SYSTEM; OPERATE; SCHEDULE; TRADE; ELECTRIC; POWER
; APPLY; GRID; AC; POWER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/9 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014172830 **Image available**

WPI Acc No: 2001-657058/200175

XRPX Acc No: N01-489772

Trading simulator displays buying and selling trader metaphors in different segments and quote board for different markets

Patent Assignee: PROJECT B LLC (PROJ-N)

Inventor: BORCHEW M; HAUKE E C

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175731	A1	20011011	WO 2001US10267	A	20010330	200175 B
AU 200151143	A	20011015	AU 200151143	A	20010330	200209

Priority Applications (No Type Date): US 2000540601 A 20000331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200175731 A1 E 38 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200151143 A G06F-017/60 Based on patent WO 200175731

Abstract (Basic): WO 200175731 A1

NOVELTY - Buying trader is represented by human figure with a hand up facing in, seller with a hand up facing away, size indicating the trader with the highest bid price or lowest offer price and the figures being arranged in rows with different colors. Audio volume changes

according to number of buying or selling traders and volume of trading.

DETAILED DESCRIPTION - Simulator comprises a data coder-decoder connected to a graphic interface displaying buying and selling trader metaphors and to a control interface initiating orders and to a data interface displaying the data.

There is an INDEPENDENT CLAIM for a method of trading using a trading simulator.

USE - Simulator is for real-time simulation of the trading action of traders in a financial market.

ADVANTAGE - Simulator enables traders from anywhere in the world to be linked to an exchange and represents them graphically as virtual pit participants.

DESCRIPTION OF DRAWING(S) - The figure shows a **virtual trading floor** system.

pp; 38 DwgNo 1/9

Title Terms: TRADE; SIMULATE; DISPLAY; BUY; SELL; SEGMENT; BOARD; MARKET

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/10 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014122863 **Image available**

WPI Acc No: 2001-607075/200169

XRPX Acc No: N01-453179

Providing a virtual trading floor for telecommunication products and/or services colocation products and other measurements of capacity using exchange points connected by remote switching equipment

Patent Assignee: GLOBAL TELEEXCHANGE INC (GLOB-N)

Inventor: ANDERSON P D; GUARD R A; REDBERG D A

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200137509	A2	20010525	WO 2000US30147	A	20001120	200169 B
AU 200115805	A	20010530	AU 200115805	A	20001120	200169

Priority Applications (No Type Date): US 2000667687 A 20000922; US 99166170 P 19991118

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200137509 A2 E 53 H04L-029/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200115805 A H04L-029/00 Based on patent WO 200137509

Abstract (Basic): WO 200137509 A2

NOVELTY - A **virtual trading floor** system (100) comprises exchange points (102) at various geographical locations around the world and each including local access concentrators (104) connecting the points to a trading member (106) and to gateway switching equipment (110,111). A soft-switch (112) controls data transmission and a **virtual trading floor** (118) works in conjunction with an account management module (124), a network management module (114), a call processing module (112), a trade provisioning module (126), a member support module (128) and a membership management module (130).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a system for trading telecommunication services or products, for a **virtual trading floor** and for an exchange support system and method.

USE - Providing a **virtual trading floor** for telecommunication products and services.

ADVANTAGE - Providing anonymity to members and reducing

provisioning time.

DESCRIPTION OF DRAWING(S) - The drawing is an overview of the system

Exchange points (102)
Access concentrators (104)
Trading members (106)
Switching equipment (110,111)
Soft-switch (112)
Virtual trading floor (118)
Member support module (128)
pp; 53 DwgNo 1/5

Title Terms: VIRTUAL; TRADE; FLOOR; TELECOMMUNICATION; PRODUCT; SERVICE;
PRODUCT; MEASURE; CAPACITY; EXCHANGE; POINT; CONNECT; REMOTE; SWITCH;
EQUIPMENT

Derwent Class: T01; W01

International Patent Class (Main): H04L-029/00

File Segment: EPI

7/5/11 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013981460 **Image available**

WPI Acc No: 2001-465674/200150

XRPX Acc No: N01-345451

**Virtual trading floor system in an interactive decision support
system for monitoring and responding to system and market events
displayed as a three-dimensional view**

Patent Assignee: NEW YORK STOCK EXCHANGE (NYST-N)

Inventor: ALLEN A E; HICKS M; SEGAL D

Number of Countries: 020 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200155968	A2	20010802	WO 2001US3066	A	20010131	200150 B
FR 2804526	A1	20010803	FR 20011340	A	20010131	200150

Priority Applications (No Type Date): US 2000179296 P 20000131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200155968	A2	E	35	G06T-011/20	
--------------	----	---	----	-------------	--

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

FR 2804526	A1	G06F-017/50
------------	----	-------------

Abstract (Basic): WO 200155968 A2

NOVELTY - A dashboard (301) provided below a three-dimensional view of a **virtual trading floor** (202) displays two-dimensional numerical and symbolic information of interest and can be separated into a system dashboard (302), a user selected dashboard (303) and a business dashboard (304), while containers on the floor area contain three-dimensional graphical information of interest. A group container (308) graphically displays statistics for a group of stock or other items, while navigation and display settings are provided through a control station.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a method and system for displaying data representing operation of an exchange.

USE - Displaying a three-dimensional model of a **virtual trading floor**.

ADVANTAGE - Allowing rapid assimilation of large amounts of information as events occur.

DESCRIPTION OF DRAWING(S) - The drawing shows the system

Dashboard (301)

Virtual trading floor (202)

Group container (308)

pp; 35 DwgNo 3/9

Title Terms: VIRTUAL; TRADE; FLOOR; SYSTEM; INTERACT; DECIDE; SUPPORT;
SYSTEM; MONITOR; RESPOND; SYSTEM; MARKET; EVENT; DISPLAY; THREE;
DIMENSION; VIEW
Derwent Class: T01
International Patent Class (Main): G06F-017/50; G06T-011/20
International Patent Class (Additional): G06F-017/60; G06T-017/00
File Segment: EPI

7/5/12 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013956829 **Image available**
WPI Acc No: 2001-441043/200147
XRPX Acc No: N01-326279

Commodity virtual trading method in on-line network, involves committing purchase and sale transactions from trading entity to supplier and customer entities through network respectively using data interchange medium

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC);
IBM UK LTD (IBMC)

Inventor: CHANG S L; CRABTREE M R; QUEK N
Number of Countries: 093 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200114994	A2	20010301	WO 2000GB3158	A	20000814	200147 B
JP 2001101314	A	20010413	JP 2000235141	A	20000803	200147
AU 200067063	A	20010319	AU 200067063	A	20000814	200147

Priority Applications (No Type Date): SG 994128 A 19990819

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200114994	A2	E	47	G06F-017/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

JP 2001101314	A	25	G06F-017/60	
AU 200067063	A		G06F-017/00	Based on patent WO 200114994

Abstract (Basic): WO 200114994 A2

NOVELTY - A sale order (432) for commodity is received from customer entity through network at trading entity using data interchange medium (450). A supplier entity of commodity is sourced by trading entity dependent upon information on network. Purchase and sale transactions of commodity are committed from trading entity to supplier and customer entities through network respectively using data interchange medium.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Commodity Virtual trading apparatus;
- (b) Computer program product

USE - For virtual trading of commodities between business entities using networks such as Internet, intranet, extranet.

ADVANTAGE - Enables trading of electronic components and the system utilizes new business model implemented using information technology to create virtual environment to buy, sell or trade commodities over WWW of Internet.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **virtual commodity exchange**.

Sale order (432)
Data interchange medium (450)
pp; 47 DwgNo 4/7

Title Terms: COMMODITY; VIRTUAL; TRADE; METHOD; LINE; NETWORK; PURCHASE;
SALE; TRANSACTION; TRADE; ENTITY; SUPPLY; CUSTOMER; ENTITY; THROUGH;

NETWORK; RESPECTIVE; DATA; INTERCHANGE; MEDIUM
Derwent Class: T01
International Patent Class (Main): G06F-017/00; G06F-017/60
File Segment: EPI

7/5/13 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013851407 **Image available**
WPI Acc No: 2001-335620/200135
XRPX Acc No: N01-242299

Trading method for ephemeral, fungible commodities of electrical power grid comprising AC power network, to provide virtual trading floor for trading fungible, ephemeral commodities including electrical energy

Patent Assignee: AUTOMATED POWER EXCHANGE INC (AUTO-N)

Inventor: CAZALET E G; TENEV T

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200128063	A1	20010419	WO 2000US22489	A	20000816	200135 B
AU 200067782	A	20010423	AU 200067782	A	20000816	200147

Priority Applications (No Type Date): US 2000564415 A 20000502; US 99158603
P 19991008

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200128063	A1	E	100	H02J-003/00	
--------------	----	---	-----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067782	A			H02J-003/00	Based on patent WO 200128063
--------------	---	--	--	-------------	------------------------------

Abstract (Basic): WO 200128063 A1

NOVELTY - The method involves maintaining market a market interval collection of market intervals, and maintaining a validated order collection of validated orders, each with an associated market interval.

DETAILED DESCRIPTION - The method involves trading ephemeral, fungible commodities of an electrical power grid containing at least one AC power network each containing a node collection of at least two nodes. The method involves maintaining a market interval collection of market intervals, and maintaining a validated order collection of validated orders, each within an associated market interval. Each market interval contains a product type, location and at least one time interval. INDEPENDENT CLAIMS are included for; a program operating system composed of program code segments for supporting a method for trading for ephemeral, fungible commodities of electrical power grid comprising AC power network.

USE - **Virtual trading floor** for trading fungible, ephemeral commodities including electrical energy.

ADVANTAGE - Allows for complex orders to be processed, such that energy may be ordered along with the transmission rights for that power.

DESCRIPTION OF DRAWING(S) - The drawing shows a **virtual trading floor** containing validated orders and market intervals with associated market states in accordance with the invention.

Virtual trading floor (100)

Market states (1102, 1122, 1142, 1162)

Market intervals (1100, 1200, 1140, 1160)

Validated order (1200, 1210, 1220, 1230, 1240, 1250)

pp; 100 DwgNo 3/25

Title Terms: TRADE; METHOD; FUNGIBLE; COMMODITY; ELECTRIC; POWER; GRID;
COMPRISE; AC; POWER; NETWORK; VIRTUAL; TRADE; FLOOR; TRADE; FUNGIBLE;

COMMODITY; ELECTRIC; ENERGY
Derwent Class: T01; X12
International Patent Class (Main): H02J-003/00
International Patent Class (Additional): G06F-017/60
File Segment: EPI

7/5/14 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

012090188 **Image available**
WPI Acc No: 1998-507099/199843
XRPX Acc No: N98-395298

Video distribution hub for driving plural data displays - provides
multi-head virtual monitor from perspective of host computer, with one
or more hubs input from standard graphics card
Patent Assignee: PIXELVISION TECHNOLOGY INC (PIXE-N); CYBEX COMPUTER PROD
CORP (CYBE-N)

Inventor: DESMARAIS M A; GILGEN R L; HENRY K E; MANSELL B N; ODRYNA V

Number of Countries: 081 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9841008	A2	19980917	WO 98US4537	A	19980309	199843 B
AU 9866929	A	19980929	AU 9866929	A	19980309	199906
EP 966835	A2	19991229	EP 98909047	A	19980309	200005
			WO 98US4537	A	19980309	
US 6104414	A	20000815	US 9740730	A	19970312	200041
			US 97909924	A	19970812	
US 6333750	B1	20011225	US 9740730	A	19970312	200206
			US 97909924	A	19970812	
			US 98100582	A	19980619	

Priority Applications (No Type Date): US 97909924 A 19970812; US 9740730 P
19970312; US 98100582 A 19980619

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 9841008	A2	E	44	H04N-000/00	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE
IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9866929	A			H04N-003/00	Based on patent WO 9841008
------------	---	--	--	-------------	----------------------------

EP 966835	A2	E		H04N-003/00	Based on patent WO 9841008
-----------	----	---	--	-------------	----------------------------

Designated States (Regional): DE FR GB

US 6104414	A			G09G-005/36	Provisional application US 9740730
------------	---	--	--	-------------	------------------------------------

US 6333750	B1			G09G-005/00	Provisional application US 9740730
------------	----	--	--	-------------	------------------------------------

CIP of application US 97909924

CIP of patent US 6104414

Abstract (Basic): WO 9841008 A

The distribution hub drives plural video display monitors. A video data **signal** is input to the video distribution hub (20) from a buffer in a single head graphics card or other suitable source. The hub processes the received **signal** and stores selected data segments corresponding to selected parts of one or more video buffers (26).

The stored data is used to drive respective video displays (28), e.g. flat panel LCD's or conventional CRT's. The distribution hub will accommodate displays of differing resolutions, which may be formatted into a 'portrait' (upright) or 'landscape' (horizontal) orientation.

USE/ADVANTAGE - For economically presenting large amounts of visual data, e.g. to multiple traders on financial institution **trading floor**. Enables increased number/size of data displays without requiring expensive, limited feature multi-head graphics cards, and overcoming restricted number of computer bus-slot outputs, e.g. three,

available from typical personal computer, also retaining traditional
line-of-sight communication between individual trading personnel.

Dwg.2/16

Title Terms: VIDEO; DISTRIBUTE; HUB; DRIVE; PLURAL; DATA; DISPLAY; MULTI;
HEAD; **VIRTUAL** ; MONITOR; PERSPECTIVE; HOST; COMPUTER; ONE; MORE; HUB;
INPUT; STANDARD; GRAPHIC; CARD

Derwent Class: P85; T01; T04; W02

International Patent Class (Main): G09G-005/00; G09G-005/36; H04N-000/00;
H04N-003/00

File Segment: EPI; EngPI

01694824 SUPPLIER NUMBER: 16158616 (THIS IS THE FULL TEXT)
At the cutting edge. (finance companies exploiting the latest technologies)
(includes related articles on TSB Bank and Lionhart Investments)
Davidson, Clive
Computer Weekly, p28(2)
July 7, 1994
ISSN: 0010-4787 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2536 LINE COUNT: 00205

ABSTRACT: Technology is the key to success in the financial services industries and these companies exploit new technologies as soon as they become available. Finance is now a 24-hour, global market, and the ability to interpret or anticipate market changes can provide huge profits or help to minimize losses. This trend has been fueled by the incredible growth in the derivatives markets, which are extremely complex and fast moving. The IT systems for today's banks can include neural networks, object-oriented programming, genetic algorithms, fuzzy logic, chaos theory, fractals, virtual reality and data visualization. Financial companies are probably the most interested in neural networks that mimic the way the human brain functions. The UK's Department of Trade and Industry (DTI) is funding two programs focusing on the financial community: a technology transfer program and a Neural Networks for Financial Services project.

TEXT:

In the fast moving and fiercely competitive world of financial services, technology is a key weapon and new technologies are seized and exploited almost as soon as they emerge from the labs.

Probably more than any other sector, financial services rides the crest of the new technology wave. Finance is increasingly a 24-hour global activity with vast sums flashing between markets over the electronic communications web.

The ability to rapidly interpret the markets and anticipate their movements can lead to huge profits, or at least avoid huge losses. And with large sums of money committed in the markets, financial organisations need to be able to calculate how much risk they are exposed to. Meantime, the frenetic trading activities must be tracked and accounted for.

The quest for competitive edge through technology has been fuelled by the massive growth of the derivatives markets. Derivatives are financial "instruments" derived from an underlying source. For example, a "future" is a contract to buy a certain quantity of something, such as oil or coffee, for a certain price at a certain date in the future.

Derivatives like futures, options, swaps, warrants, and so on, were devised as instruments to manage risk in trading. They have now become an enormous business that is extremely complex and moves at a rapid pace. New derivatives are constantly being created that might only trade profitably for a matter of months.

The sheer speed and complexity of today's markets has forced banks and other financial organisations to look beyond their conventional analytical techniques and computer systems. Nowadays, a bank's IT arsenal can include object-oriented technology, neural networks, genetic algorithms, fuzzy logic, fractals, chaos theory, data visualisation and virtual reality.

Probably the most widely investigated so far is neural networks -- computer systems that mimic the way in which the human brain operates.

In the UK the Department of Trade and Industry (DTI) has sponsored two programmes focused on the financial sector: the Neuroforecasting Club, a technology transfer programme run by the London Business School with the University College London (UCL); and the Neural Networks for Financial Services project run by TSB Bank Technology, with the Henley Centre for Forecasting and, again, UCL (see box).

Meanwhile, Chemical Bank, Citibank and JP Morgan are among the many institutions known to be investigating or actively using the technology.

Although running for a relatively short time, the UK programmes have produced some significant results. The Neuroforecasting Club, for example, has developed a neural system for tactical asset allocation on the global

bonds markets. The system covers seven markets -- the UK, France, Germany, Japan, the US, Canada and Australia -- each of which is modelled on a local neural network.

These are "trained" on historical data to produce short-term predictions on a monthly basis. The local predictions are then combined into a global portfolio management system.

The system has been run live since November 1992 by a North American insurance company based in Boston. Starting with a fund of \$25m, which was increased to \$50m, the portfolio has showed returns over 25% in its first year of operation, according to Dr Paul Refenes, head of non-linear applications and financial engineering at the London Business School. The fund is now being increased to \$150m.

There is nothing magical about the success of the system, says Refenes. "A neural network is a universal approximator. It can solve any problem in nature. But if you give it junk input and junk output it will find a relation between the two."

One of the techniques currently being used to identify which data should be used with neural networks is genetic algorithms. As their name suggest, these algorithms borrow the techniques of evolution -- genetic crossover, mutation and reproduction -- to "evolve" the best solution to a problem from a starting set of random solutions.

Genetic algorithms can also be used to optimise the parameters of the neural network itself, for example selecting the number of processing elements in the network and how they should be interconnected. A genetic algorithm can be used to find the optimal solution that will meet the system's performance requirements as well as its constraints, says Guido Deboeck, adviser on advanced technology at the World Bank and editor of Trading on the Edge, a handbook on neural, genetic and fuzzy logic systems for financial markets.

"Genetic algorithms, sometimes hybridised with other optimisation algorithms, are the best type of optimisation algorithm available across a wide range of problem types," reckons Deboeck.

"Genetic algorithms can be applied in several ways in the financial field: to optimise the inputs to a trading system; for rule induction; to construct rules that can be used for trading; or to combine models from a given set of plausible models," he adds.

But long before neural networks and genetic algorithms came along, analysts and traders were looking for patterns in share and derivative price movements and for indicators that pointed to a change in the price trend.

The analysis of the internal dynamics of the markets is called "technical analysis" and over the years many theories have been put forward that claim to explain or predict at least some market movements. Probably the best known is the "moving average", the average of market prices taken at specific time intervals, for example weekly, monthly or yearly.

As desktop computer power has increased, technical analysts have been developing systems that give more sophisticated and timely analysis. For example, systems and training house Fiamass, from its experience as a former London futures broker, has developed a system that applies a number of proprietary techniques to historical price data to calculate the underlying dynamics of a market. The system plots continuous flow lines through charts of historical prices to indicate the likely direction and range of future movement in the market.

Although visually resembling moving averages, the flow lines represent cyclic movements measured at different time intervals that track the market more closely than a moving average. Called Flo Analysis, the system runs on PC or Unix networks linked to a database fed with real-time price data. Sales are primarily to large dealing rooms in North American, European and Far Eastern financial institutions, such as the Swiss Bank Corporation and Merrill Lynch Europe.

By turning a mass of data into pictures, Flo Analysis aims to help traders interpret market movements more quickly and accurately. This approach to visualising data is being increasingly used as a means of getting to grips with the high volumes of complex information in the markets.

"One has to appreciate that financial systems are essentially multi-dimensional in character," explains Dr William Shaw, a mathematician specialising in the application of mathematics and visualisation in

finance.

Financial instruments can have a number of variables, such as price, volume, volatility, premium and so on. Using conventional graphical techniques to model an instrument where there are, for instance, five variables, four can be fixed and the fifth plotted as a simple line graph. But this gives only a limited idea of how the variables relate and influence one another.

"The more variables you allow to be free at once the better the picture you get. With visualisation you can show three variables, using animation or stacking to show the third variable. Visualisation allows you to see how the factors interact with one another," adds Shaw.

To exploit the "bandwidth" of our visual sense to interpret complex high volume data, financial organisations such as Morgan Grenfell, Lehman Brothers and Barclays BZW are now using data visualisation products originally developed for scientific applications, including PV-Wave from Visual Numerics, or extending the visualisation functions of mathematical software, such as Mathematica from Wolfram Research and MatLab from The MathWorks.

Virtual reality (VR) is a natural extension of data visualisation. VR increases the number of dimensions in which information can be displayed and allows the user to "enter" and explore the information as if it were a physical environment.

The first VR product for market traders, Metaphor Mixer from Maxus Systems International of New York, appeared last year. It represents financial instruments as animated 3D objects in a market "terrain". The shape, colour and movement of the objects indicates factors such as price and volume and volatility of sales. It has already been used successfully at ABD Securities, a subsidiary of Dresdner Bank in New York. Metaphor Mixer is now available in the UK from BT's systems integration subsidiary Syntegra.

But whatever advantages technologies such as virtual reality, neural networks and genetic algorithms might bring, successful implementation requires careful design and inevitably involves trial and error.

It is also essential that technical skill is informed with financial expertise.

There is also a growing recognition that the individual technologies are limited if applied in isolation and that a more effective course is to combine them in a "cascade", matching the most appropriate technology to each part of the problem.

"Neural networks, for example, are powerful tools, which is good news," says Dr Richard Olsen, founder of Olsen & Associates, a Swiss-based economic research organisation investigating the application of emerging technologies. "But the bad news is that if you want to find optimal trading strategies with neural networks it does not work because the problem is many-layered and can be divided into many sub-problems."

Each of the sub-problem layers -- such as filtering data, statistical analysis, defining and selecting indicators and clarifying the user's goals -- requires careful attention, says Olsen.

A neural network is only one of a number of tools that can be applied to the overall problem, and is most useful only when many of the sub-problems have been solved.

TSB Bank, World Bank and University College London are among the organisations that, like Olsen & Associates, are investigating the possibility of combining new technologies into hybrid systems.

One of the first organisations to test the power of such a hybrid system is the London Stock Exchange. The exchange is concerned about its ability to detect insider dealing, where dealing rings, or individuals with several accounts, trade across all their accounts to exploit inside information or to manipulate the markets.

Spotting the tell-tale patterns of insider dealing among the thousands of transactions that occur every day at the exchange is a daunting task. It is estimated that using conventional search techniques it would take many years to analyse just a few months' worth of transactions.

Genetic algorithms, on the other hand, are able to search huge volumes of data and come up with useful results in a matter of minutes, while neural networks are good at recognising patterns.

The London Stock Exchange has recently completed the first stage of testing a system codenamed Monitars (Monitoring Insider Trading and

Regulatory Surveillance). The system was supplied by SearchSpace, a company recently spun out of University College London's computer science department.

SearchSpace's main focus is applying the new technologies to insurance risk assessment, credit evaluation and fraud detection.

"It is the combination of techniques, 'intelligent hybrid systems', that is increasingly solving hard real-world problems," says Suran Goonatillake, a founder of SearchSpace. "This is because each technique has particular strengths and weaknesses and it is by combining them that one can overcome the limitations."

But in the end, all these new technologies are just tools, says Bill Edisbury, manager of emerging technology at TSB Bank. TSB has been in the forefront of applying neural networks to financial problems and is currently investigating the use of genetic algorithms in marketing and credit risk applications.

"What you want to do is match the best tool to the job," says Edisbury. The result can mean millions of pounds in savings, through better marketing, better risk assessment and better fraud detection.

TSB Bank: a neural approach

TSB Bank is one of the most forward-looking organisations in terms of applying new technologies to financial problems. TSB was the lead partner and project manager in the recent Department of Trade and Industry and Science and Engineering Research Council's Neural Networks for Financial Services project.

The project focused on three areas -- forecasting fixed interest rate movements, foreign exchange forecasting and insurance claims forecasting.

A neural network system for the forecasting of long-term gilts contracts was developed and installed at Hill Samuel Investment Management. The system simulated a number of trading strategies, achieving an accuracy of 57% in predicting the direction of market movements. The original system runs on a Sun workstation, although a PC version is planned.

Meanwhile, actuaries at TSB General Insurance, Newport, are using neural networks to forecast personal loan protection insurance. The forecaster uses a neural network model with the claims frequency based on national unemployment statistics and claims history. Premiums are being set using the forecasts from the network.

"Neural networks are very quick to develop business applications if the data is complete and available in a form that the network can understand," says Bill Edisbury, manager of emerging technology at TSB Bank.

Lionhart Investments: visualising markets

Terrence Duffy is an independent fund manager who, as Lionhart Investments, trades financial warrants and convertible bonds.

The ability to visualise the performance of financial instruments in the markets is a valuable extension of his conventional analytical tools.

Duffy's computer system is built around an 85 Mips (million instructions per second) Sun SparcStation 5 networked via Ethernet to three older SparcStations -- two 4/110s and an inter-process communicator. Two KiloStream lines bring in 24-hour real-time market data from Bridge Data Services. Duffy's software takes snapshots of the data and stores it in a Sybase database.

Duffy writes most of his own analytical software. His system combines current and historical data to create tables of the instrument in which he is interested, sorted by a number of financial variables, such as price, implied volatility, premium and so on. From the tables, Duffy can select an instrument such as a warrant and take it into an associated program for further calculation.

The result of these table sorts and calculations is a series of numbers that indicate the instrument's performance. To put the numbers in perspective, to relate them to one another and to quickly gain insight into his data, Duffy turns them into pictures using the data visualisation functions of Matlab from The MathWorks.

"When I select the warrant that I want I can look at it graphically and see if I'm getting burnt or if I should wait before I buy," he says.

COPYRIGHT 1994 Reed Business Publishing Group

SPECIAL FEATURES: illustration; photograph

DESCRIPTORS: Trends; Information Systems; Financial Services; Neural

Network; Technology

SIC CODES: 6000 DEPOSITORY INSTITUTIONS

FILE SEGMENT: CD File 275

Set	Items	Description
S1	2269022	VIRTUAL? OR AVATAR? OR VR OR COMPUTER? OR ON()LINE OR ONLI- NE OR INTERNET OR WEB? OR SOFTWARE OR 3()D OR GRAPHICAL?
S2	3484905	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIMIC? OR - RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S3	714319	HAND? ? OR BODY OR FINGER? OR HEAD? ? OR ARM? ?
S4	2218546	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S5	22512	S3(2N)S4
S6	2155	S5(5N)S2
S7	130	S6(15N)S1
S8	113	S7 NOT PY>2000
S9	112	S8 NOT PD=20000331:20020514
S10	109	RD (unique items)
S11	2	S10 AND (AUCTION? OR TRAD???? OR STOCK? ? OR DUTCHAUTION? OR EXCHANGE? OR MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME OR EUREX OR SALE? ? OR BI- DD??? OR NIKKEI? OR TSE OR OPTION? OR COMMODIT?)

?show files

File 2:INSPEC 1969-2002/May W2
(c) 2002 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2002/Apr
(c) 2002 ProQuest Info&Learning

File 65:Inside Conferences 1993-2002/May W1
(c) 2002 BLDSC all rts. reserv.

File 77:Conference Papers Index 1973-2002/Mar
(c) 2002 Cambridge Sci Abs

File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Apr
(c) 2002 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2002/May
(c) 2002 Info. Today Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2002/Apr
(c)2002 Info.Sources Inc

File 474:New York Times Abs 1969-2002/May 13
(c) 2002 The New York Times

File 475:Wall Street Journal Abs 1973-2002/May 13
(c) 2002 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/May 14
(c) 2002 The Gale Group

11/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6771525 INSPEC Abstract Number: C2001-01-5540B-008

Title: Preliminary evaluation of global hand function measurement device
Author(s): Wilson, B.; Graham, J.; Quesada, P.; Maldonado, C.; Orhun, H.; Barker, J.; Gupta, A.
Author Affiliation: Louisville Univ., KY, USA
Conference Title: SMC 2000 Conference Proceedings. 2000 IEEE International Conference on Systems, Man and Cybernetics. 'Cybernetics Evolving to Systems, Humans, Organizations, and their Complex Interactions' (Cat. No.00CH37166) Part vol.3 p.1842-6 vol.3
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 2000 Country of Publication: USA 5 vol.3895 pp.
ISBN: 0 7803 6583 6 Material Identity Number: XX-2000-02508
U.S. Copyright Clearance Center Code: 0 7803 6583 6/2000/\$10.00
Conference Title: Proceedings of IEEE International Conference on Systems, Man, and Cybernetics
Conference Sponsor: Syst., Man and Cybern. Soc. IEEE
Conference Date: 8-11 Oct. 2000 Conference Location: Nashville, TN, USA

Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: This paper presents initial results from the evaluation of a new virtual reality, force feedback device for measurement of global hand function. In particular, this paper describes the software developed to better support the collection, transformation and display of hand data from the device hardware, and it also describes the initial testing of the device using the improved software interface. The raw vector information provided by the device is of only limited use in understanding the hand motion being measured. By transforming and incorporating the vector data into an articulated 3 - D structure using the Open Graphics Library standard, a crude but useable **graphical model** of the **hand** and its **movements** has been developed. Several **options** are available for manipulation of the model, including camera positioning, lighting, emphasis effects, and digit segment rotation estimates. Studies with the device revealed several hardware constraints that prevent comprehensive data analysis and force feedback. However, the software was shown to be an effective way to quantify and visualize the movements of the human hand. Future work will include retrieval and display of movement rates and forces, as well as a more realistic display of the hand. (7 Refs)

Subfile: C

Descriptors: computer graphics; force feedback; gesture recognition; haptic interfaces; input-output programs; virtual reality

Identifiers: global hand function measurement device; virtual reality; force feedback device; global hand function; hand data; software interface; hand motion; vector data; articulated 3D structure; Open Graphics Library standard; graphical model; camera positioning; emphasis effects; digit segment rotation estimates; force feedback; object-oriented software architecture; Cybernet device

Class Codes: C5540B (Interactive-input devices); C6130V (Virtual reality); C6180 (User interfaces); C6130B (Graphics techniques)
Copyright 2000, IEE

11/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01188785 INSPEC Abstract Number: A78040221, C78012568

Title: Interactive computer graphics in the study of human body planar motion under free fall conditions

Author(s): Boysen, J.P.; Thomas, R.A.; Francis, P.R.
Author Affiliation: Dept. of Computer Sci., Iowa State Univ., Ames, IA, USA

Journal: Journal of Biomechanics vol.10, no.11-12 p.783-7
Publication Date: 1977 Country of Publication: UK

CODEN: JBMCB5 ISSN: 0021-9290

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: A computer program utilizing interactive graphics was developed in order to study the planar motion of a five-segment model of the human body. By providing instantaneous feedback and convenient **graphical** representation of the body, the program allows the user to quickly **simulate** and study **body motions** of interest. Consequently, the **model** is a useful tool for the researcher and may be readily employed for student instructional purposes. The configuration of the model, and the derivation and validation of the equations of motion, are included. Several **options** provided by the simulation are described. (13 Refs)

Subfile: A C

Descriptors: biology computing; biomechanics; computer graphics

Identifiers: human body planar motion; free fall conditions; computer program; interactive graphics; instantaneous feedback; equations of motion; five segment model; student instruction; biomechanics

Class Codes: A8745D (Physics of body movements); C7330 (Biology and medicine)

4/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00871075 **Image available**
VIRTUAL INTERACTIVE GLOBAL EXCHANGE
ECHANGE GLOBAL INTERACTIF VIRTUEL

Inventor(s):

SARMA Sanjay, 67 Hurd Road, Belmont, MA 02478, US,

Patent Applicant/Inventor:

MELKOMIAN Raymond, 68-23 Douglaston Parkway, Douglaston, NY 11362, US, US
(Residence), US (Nationality)

Legal Representative:

SAPONE William J (agent), Coleman Sudol Sapone P.C., 714 Colorado Avenue,
Bridgeport, CT 06605, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205182 A1 20020117 (WO 0205182)

Application: WO 2001US21377 20010706 (PCT/WO US0121377)

Priority Application: US 2000216195 20000706

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11633

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... trading securities.

It is yet another object to allow multiple users to participate on a
virtual trading floor environment utifiang the open **outcry** method,
as a direct substitute for an actual trading floor.

These and other objects of...

...the features and nuances that are unique to the face to face interaction
on a **trading floor** are acceptably incorporated and integral to the
virtual trading environment. Such a system makes geographic boundaries
transparent by nature, as the virtual exchange...

...as a glove that converts hand movement into a digital signal for
simulation on the **virtual trading floor** . Various devices are known
for user interaction with a **virtual** environment, from a glove, to a
headset with an internal or heads up display to...virtual environment in
which traders, located in remote locations,
can participate on an open outcry **trading floor** ;
Provide an interface to order execution systems;
Provide 'a **virtual** environment in which traders, can feel
coinfortable; Provide all trading data within the virtual environment
...

Claim

... further comprising means for supplying selected information to the
plurality of traders while in the **virtual trading floor** space. 1 5
4. The system according to claim. 1 "er comprising means for enabling...

...via signals selected from the group consisting of voice, optical,
mechanical, hand, body or head **movement** . 5 . The system according to
claim 1 further comprising means for clearing trades.

6 The...

4/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00858344 **Image available**

METHOD AND SYSTEMS SUPPORTING TRADING OF FUNGIBLE EPHEMERAL COMMODITIES AND
FUNGIBLE NON-EPHEMERAL COMMODITIES INCORPORATING TRANSMISSION
CONTRACTING

PROCEDE ET SYSTEMES D'ASSISTANCE A LA NEGOCIATION DE BIENS FONGIBLES
EPHEMERES ET NON EPHEMERES AVEC CONCLUSION DE CONTRATS PAR
TELECOMMUNICATIONS

Patent Applicant/Assignee:

AUTOMATED POWER EXCHANGE INC, Suite 522, 5201 Great America Parkway,
Santa Clara, CA 95054, US, US (Residence), US (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

SAMUELSON Ralph, 935 Clark Avenue, Unit 4, Mountain View, CA 94040, US,
US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GLENN Michael (et al) (agent), Glenn Patent Group, Suite L., 3475 Edison
Way, Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200191013 A2-A3 20011129 (WO 0191013)

Application: WO 2001US16886 20010523 (PCT/WO US0116886)

Priority Application: US 2000206852 20000523; US 2000613685 20000711

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25446

Fulltext Availability:

Detailed Description

Detailed Description

... seller then makes

additional income from the actual purchased amount at the agreed price.

The virtual trading floor may apply to a power grid containing at
least one AC power network, and capacity...

...sometimes known as spinning and non-spinning

61

resources. Spinning resources are often turbine generators rotating
already at operational speed, and thus can be brought on line in a short
time...

4/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00858335

METHOD AND APPARATUS FOR AN ENGINE SYSTEM SUPPORTING TRANSACTIONS,
SCHEDULES AND SETTLEMENTS INVOLVING FUNGIBLE, EPHEMERAL COMMODITIES
INCLUDING ELECTRICAL POWER

PROCEDE ET APPAREIL DESTINE A UN SYSTEME DE MOTEUR SUPPORTANT DES
TRANSACTIONS, DES ORDONNANCEMENTS ET DES REGLEMENTS CONCERNANT DES
MARCHANDISES FONGIBLES ET EPHEMERES, DONT L'ENERGIE ELECTRIQUE

Patent Applicant/Assignee:

AUTOMATED POWER EXCHANGE INC, Suite 522, 5201 Great America Parkway,
Santa Clara, CA 95054, US, US (Residence), US (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

CAZALET Edward G, 26340 Alexander Place, Los Altos Hills, CA 94022, US,
US (Residence), US (Nationality), (Designated only for: US)
SAMUELSON Ralph, 938 Clark Avenue, Unit 4, Mountain View, CA 94040, US,
US (Residence), US (Nationality), (Designated only for: US)
STREMEL John, 368 Dawson Drive, Santa Clara, CA 95051, US, US (Residence)
, US (Nationality), (Designated only for: US)
TENEV Tichomir, 610 Cree Avenue, San Jose, CA 95123, US, US (Residence),
BG (Nationality), (Designated only for: US)

Legal Representative:

GLENN Michael (et al) (agent), Glenn Patent Group, Ste. L., 3475 Edison
Way, Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200190996 A2 20011129 (WO 0190996)

Application: WO 2001US15858 20010516 (PCT/WO US0115858)

Priority Application: US 2000206852 20000523; US 2000613685 20000711

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 39246

Fulltext Availability:

Detailed Description

Detailed Description

... seller then makes

additional income from the actual purchased amount at the agreed price.

The **virtual trading floor** may apply to a power grid containing at
least one AC power network, and capacity...

...are sometimes known as spinning and non-spinning
resources. Spinning resources are often turbine generators **rotating**
afready at operational speed, and thus can be brought on line in a short
time...

4/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00843140

VIRTUAL TRADING FLOOR SYSTEM

SYSTEME DE BASE DE COMMERCE VIRTUEL

Patent Applicant/Assignee:

PROJECT B LLC, 141 West Jackson Boulevard, Chicago, IL 60604, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HAUK Eric C, 21053 North Crestview Drive, Barrington, IL 60010, US, US
(Residence), US (Nationality), (Designated only for: US)

BORCHEW Michael, 2685 Edgewood Lane, River Woods, IL 60015, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PAQUIN Joseph H Jr (agent), McDermott, Will & Emery, 227 West Monroe,
Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200175731 A1 20011011 (WO 0175731)

Application: WO 2001US10267 20010330 (PCT/WO US0110267)
Priority Application: US 2000540601 20000331
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9667

Fulltext Availability:
Detailed Description

Detailed Description
... virtual reality headset and the like.

SUMMARY OF THE INVENTION

The present invention is a **virtual trading floor** based on the pit traded open **outcry** auction process currently conducted at the major U.S. commodity and stock option exchanges. It is an object of the present invention to provide a front-end **virtual trading floor** system to be interconnected with existing electronic exchanges. It is farther an object of the...

...such a system, an off-site trader using a personal computer system can view a **virtual trading floor** on the computer's monitor. The display may be a 2-dimensional or 3dimensional display that may or may not require special viewing equipment. The **virtual trading floor** will comprise metaphors of actual buying and selling traders trading on the current exchange. The **virtual trading floor**, using the metaphor, will mimic the pit traded open **outcry** auction process. Using the **virtual trading floor** as a
4
guide, individual traders can submit orders and interact with a market or
...

...In an embodiment, an off-site trader will conduct trades, as a participant in a **virtual pit**, as opposed to the **virtual trading floor** where the trader views a 2 or 3 dimensional display. In the virtual reality trading system, an interface may be used to generate a virtual reality simulation that includes full- **motion** graphical metaphors that represent actual persons in a cyberspace system. Such an interface would be capable of generating 3-dimensional metaphors whose **movements**, actions, size and shape are responsive to and synchronized with an actual trader's **movements**. It is contemplated that the virtual reality trading system could be implemented by way of...are shown in block diagram form in order to avoid unnecessarily obscuring the present invention.

VIRTUAL TRADING FLOOR SYSTEM

Referring to FIG. 1, a **virtual trading floor** system 1 00 is coupled to a trading source 1 1 0 that generates, financial data. In an embodiment, the **virtual trading floor** system 100 comprises a coder decoder 120, a control interface 130, a data interface 140...

...off-site in respect to the trading source I 1 0. For example, when the **virtual trading floor** system I 00 is used in the gaining and training environments discussed ftu-ther herein...wire and fiber optics that use electrical, electromagnetic, optical or any type of medium and **signal**
8
capable of carrying analog and digital data streams. Wireless links may also be implemented...floor system according to an embodiment of the invention. Referring to FIG.

8, in the virtual reality trading floor system, a participant 810 operates and functions on a virtual reality trading floor 800. The participant 810 represents a trader at computer system 180. In the virtual reality trading floor system, the avatar interface 150 generates full-motion graphical metaphors that represent real persons in a cyberspace system. In the virtual reality trading floor embodiment, the avatar interface 150 would be capable of generating 3-dimensional metaphors whose movements, actions, size and shape are responsive to and synchronized with an actual trader's movements.

In the virtual reality trading floor system, the participant 810 views himself/herself as being...

...be able to interact within a market with opposing traders. The display that comprises the virtual reality trading floor 800 could be as simple as a monitor, or as complex as a virtual reality...

...a full-blown virtual reality environment that would place the 15 participant on the virtual reality trading floor 800. In the virtual reality trading floor system, orders would be initiated from the control interface 130, and made by, but not limited to, gestures and voice and/or keyboard, keypad or touch pad, and confirmed through the data interface...screen 850, current position screen 860 and/or graphs 870 may comprise part of the virtual reality trading floor 800 display and may be easily viewed and accessed by the participant 810. An algorithm...

4/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00794536 **Image available**

THE VIRTUAL TRADING FLOOR FOR TRADING FUNGIBLE, EPHEMERAL COMMODITIES INCLUDING ELECTRIC ENERGY

MARCHE VIRTUEL PERMETTANT DE COMMERCIALISER DES MARCHANDISES FONGIBLES, ET EPHEMERES, NOTAMMENT DE L'ENERGIE ELECTRIQUE

Patent Applicant/Assignee:

AUTOMATED POWER EXCHANGE INC, Suite 522, 5201 Great America Parkway, Santa Clara, CA 95054, US, US (Residence), US (Nationality)

Inventor(s):

CAZALET Edward G, 26340 Alexander Place, Los Altos Hills, CA 94022, US, TENEV Tichomir, 610 Cree Avenue, San Jose, CA 95123, US,

Legal Representative:

GLENN Michael (et al) (agent), Glenn Patent Group, 3475 Edison Way, Suite L., Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200128063 A1 20010419 (WO 0128063)

Application: WO 2000US22489 20000816 (PCT/WO US0022489)

Priority Application: US 99158603 19991008; US 2000564415 20000502

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 22004

Fulltext Availability:

Detailed Description

Detailed Description

... additional income from the actual purchased amount at the agreed

price.

In certain embodiments, the **virtual trading floor** applies to a power grid containing at least one AC power network, and capacity options ...

...is sometimes known as spinning and non-spinning resources. Spinning resources are often turbine generators **rotating** already at operational speed, and thus can be brought on line in a short time...

?

8/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

05748559 **Image available**
METHOD AND DEVICE FOR SIMULATION

PUB. NO.: 10-031659 [JP 10031659 A]
PUBLISHED: February 03, 1998 (19980203)
INVENTOR(s): NODA TOMOYUKI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-184624 [JP 96184624]
FILED: July 15, 1996 (19960715)
INTL CLASS: [6] G06F-017/00 ; G06F-017/13
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors); R138 (APPLIED ELECTRONICS -- Vertical
Magnetic & Photomagnetic Recording)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the motion error of a rigid body by calculating the tilt of the rigid body of the next time point from a main moment of inertia of the rigid body, the moment of force acting on the rigid body at a certain time point, a matrix corresponding to the tilt of the rigid body of a certain time point and the time differentiation of the tilt of the rigid body respectively and simulating repetitively the calculated tilt of the rigid body.

SOLUTION: A means S4 numerically solves a 2-story ordinary differential equation to calculate the tilt 14 of a rigid body of the next time point and the time differentiation 15 of the tilt from the main moment of inertia, the moment 11 of force of a certain time point, a matrix 12 corresponding to the tilt of the rigid body of a certain time point and the time differentiation 13 of the tilt of the rigid body respectively. In this respect, a numerical solution module calculates the numerical solution of the 2-story ordinary differential equation of the matrix obtained from an Euler-Lagrange equation set based on the matrix. Thus, the physical motion of the rigid body can be simulated with reduced consumption of the internal storage capacity of a computer, a short computing time and a small error.

8/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

02211051 **Image available**
INTERRUPTION INFORMATION SAVE DEVICE

PUB. NO.: 62-127951 [JP 62127951 A]
PUBLISHED: June 10, 1987 (19870610)
INVENTOR(s): KISHI TAKAO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-268474 [JP 85268474]
FILED: November 28, 1985 (19851128)
INTL CLASS: [4] G06F-011/28 ; G06F-009/46
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 636, Vol. 11, No. 345, Pg. 138,
November 12, 1987 (19871112)

ABSTRACT

PURPOSE: To decide the size of a segment of a virtual address space without being affected by interruption information due to the execution of one instruction trace by writing the interruption information attended by one instruction trace in an absolute address space and writing other interruption information in a virtual address.

CONSTITUTION: The interruption information in executing one instruction trace is saved to an absolute address space not managed by the operating system. That is, an address accessing a memory 5 is stored in a register 3 and whether an absolute address space 6 or a virtual address space 7 is accessed by using said address depends on a D flag 2 and a signal 12 representing the end of the instruction. When a signal representing the end of the instruction is '0', a gate 8 is opened and an address stored in the register 3 is paged by a paging circuit 4 to access the **virtual** access space 7. On the other **hand**, when the **signal 12 representing** the end of one instruction is '1' and the D flag 2 is set, a gate 9 is opened and the paging circuit 4 is bypassed and the absolute address 6 is accessed.

8/5/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014096350 **Image available**

WPI Acc No: 2001-580564/200165

XRPX Acc No: N01-432338

Virtual model manipulation for modeling purposes, involves associating views of three-dimensional model with position of screen

Patent Assignee: SOFT TECH NZ LTD (SOFT-N); WILSON J A (WILS-I)

Inventor: WILSON J A

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200113337	A1	20010222	WO 2000NZ145	A	20000802	200165 B
AU 200063267	A	20010313	AU 200063267	A	20000802	200165

Priority Applications (No Type Date): NZ 337027 A 19990802

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200113337 A1 E 19 G06T-017/40

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200063267 A G06T-017/40 Based on patent WO 200113337

Abstract (Basic): WO 200113337 A1

NOVELTY - A screen (2) is provided, in which different orientation and views of three-dimensional model is displayed. The displayed views are associated with the position of visual display device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for virtual model manipulation system.

USE - For modeling purposes in medicine, civil applications and mathematical applications.

ADVANTAGE - High degree of latency, poor stereoscopic vision due to VR helmets are prevented by **virtual model** manipulation. The need for **moving** user's **head** to select a reference point is not required due to **virtual** model manipulation.

DESCRIPTION OF DRAWING(S) - The figure shows the virtual model manipulation system.

Screen (2)

pp; 19 DwgNo 1/1

Title Terms: VIRTUAL; MODEL; MANIPULATE; PURPOSE; ASSOCIATE; VIEW; THREE; DIMENSION; MODEL; POSITION; SCREEN

Derwent Class: P36; S05; T01; W02; W04

International Patent Class (Main): G06T-017/40

International Patent Class (Additional): A63F-013/00; **G06F-017/50**

File Segment: EPI; EngPI

8/5/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013461421 **Image available**
WPI Acc No: 2000-633364/200061
XRPX Acc No: N00-469383

Virtual space movement method in computer , involves displaying
finger movement information in computer graphics model in virtual
space in movable manner

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000259339	A	20000922	JP 9966041	A	19990312	200061 B

Priority Applications (No Type Date): JP 9966041 A 19990312

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000259339	A		7	G06F-003/033	

Abstract (Basic): JP 2000259339 A

NOVELTY - The movement of finger in predetermined area on board
(1A) is converted into computer graphics (CG) model. The ratio of size
of space area of board to that of virtual space area and ratio of
patterning velocity of contact elapsed time of board to that of virtual
space are calculated. The CG model is displayed in virtual space (2) in
a movable manner using the calculated ratios.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
virtual space interface apparatus.

USE - For moving virtual space such as cyber space displayed on
computer terminal with internet connection for virtual free space
communication service.

ADVANTAGE - Enables moving virtual space by intuitive and simple
operation. Enables controlling pit in virtual space by changing
velocity of finger movement.

DESCRIPTION OF DRAWING(S) - The figure shows the virtual space
interface apparatus.

Predetermined area (1A)

Virtual space (2)

pp; 7 DwgNo 1/4

Title Terms: VIRTUAL; SPACE; MOVEMENT; METHOD; COMPUTER; DISPLAY; FINGER;
MOVEMENT; INFORMATION; COMPUTER; GRAPHIC; MODEL; VIRTUAL; SPACE; MOVE;
MANNER

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/033

International Patent Class (Additional): G06F-003/00

File Segment: EPI

8/5/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

012637573 **Image available**
WPI Acc No: 1999-443677/199937
XRPX Acc No: N99-330897

Computer generated synthetic talking head movement simulation
method for visual speech synthesis

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: JAYANT N S; ZHONG J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5933151	A	19990803	US 97824386	A	19970326	199937 B

Priority Applications (No Type Date): US 97824386 A 19970326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

Abstract (Basic): US 5933151 A

NOVELTY - A uniformly distributed random number is generated. The state corresponding to the partition into which the random number falls represents the next position. The synthesized talking head is rotated to the next position, which remains there for a durational time period.

DETAILED DESCRIPTION - The generated random number is compared with a set of transitional probability ranges which are associated with a particular state. The synthetic talking head is moved from the orientation of the current state to the orientation of particular state based on the comparison. The orientation is moved repeatedly till the talking head continues to simulate speech.

USE - For simulating natural movement of computer generated synthesized talking head in visual speech synthesis system.

ADVANTAGE - The overall quality of visual speech synthesis can be enhanced and abrupt rotational head movement that can be prevented.

DESCRIPTION OF DRAWING(S) - The figure show the flow diagram of talking head rotational movement simulation method.

pp; 7 DwgNo 2/5

Title Terms: COMPUTER; GENERATE; SYNTHETIC; TALK; HEAD; MOVEMENT; SIMULATE; METHOD; VISUAL; SPEECH; SYNTHESIS

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

8/5/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012389391 **Image available**

WPI Acc No: 1999-195498/199917

XRPX Acc No: N99-143768

Moving body simulation method using computer - involves
simulating moving body as pattern to circular motion, uniform
acceleration rectilinear motion for twice, and again circular motion
sequentially or continuously

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11039503	A	19990212	JP 97189469	A	19970715	199917 B

Priority Applications (No Type Date): JP 97189469 A 19970715

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11039503	A	11	G06T-013/00	

Abstract (Basic): JP 11039503 A

NOVELTY - Two dimensional virtual space is generated by a computer . A moving body is simulated as a pattern of moving body to the circular motion -1, uniform acceleration rectilinear motion-1, uniform acceleration rectilinear motion-2 and circular motion-2 sequentially and continuously.

USE - For simulating moving body using computer .

ADVANTAGE - Even if simulator consists of different hardware and software, it can make moving body to move towards identical position if time is an identity. DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of physical movement state transition of moving body.

Dwg.3/14

Title Terms: MOVE; BODY; SIMULATE; METHOD; COMPUTER; SIMULATE; MOVE; BODY; PATTERN; CIRCULAR; MOTION; UNIFORM; ACCELERATE; RECTILINEAR; MOTION; TWICE; CIRCULAR; MOTION; SEQUENCE; CONTINUOUS

Derwent Class: T01

International Patent Class (Main): G06T-013/00

International Patent Class (Additional): G06F-017/00

File Segment: EPI

8/5/7 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

011753549 **Image available**
WPI Acc No: 1998-170459/199816
Related WPI Acc No: 1997-042455
XRPX Acc No: N98-135409

Virtual reality road vehicle simulator with hand motion
representation - has position sensors attached to hand and fixed
calibration component connected to computer, which generates image of
hand for virtual reality headset display

Patent Assignee: CHRYSLER CORP (CHRY)
Inventor: CUMMING H W; SOCKS K P
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29720443	U1	19980312	DE 97U2020443	U	19971118	199816 B
US 5831584	A	19981103	US 95508728	A	19950728	199851
			US 96751864	A	19961118	

Priority Applications (No Type Date): US 96751864 A 19961118; US 95508728 A
19950728

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29720443	U1		5	G06F-017/50	
US 5831584	A			G09G-005/00	CIP of application US 95508728 CIP of patent US 5583526

Abstract (Basic): DE 29720443 U

The road vehicle driving simulator is designed as a virtual reality
system in which an individual sits in a normal driving position in a
cabin fitted with the normal controls [20,24,42,70]. The position of
the hands of the driver are detected by magnetic sensors worn on the
back of the hand.

This provides inputs to a controller [40] and a processor [46].
Virtual images representing the simulated environment with hand
position are fed to the display built into the head set.

USE - Virtual reality road vehicle driving simulator.

ADVANTAGE - Allows hand actions to be included.

Dwg.1/5

Title Terms: VIRTUAL; ROAD; VEHICLE; SIMULATE; HAND; MOTION; REPRESENT;
POSITION; SENSE; ATTACH; HAND; FIX; CALIBRATE; COMPONENT; CONNECT;
COMPUTER; GENERATE; IMAGE; HAND; VIRTUAL; HEADPHONE; DISPLAY

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/50 ; G09G-005/00

File Segment: EPI; EngPI

8/5/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

011342059 **Image available**
WPI Acc No: 1997-319964/199729
XRPX Acc No: N97-264833

Virtual body modelling apparatus for representation of body in virtual
environment - includes processor calling sequence data stored in data
store to modify generated body representation to follow sequence of
motions on detecting one or more predetermined signals from user motion
detector

Patent Assignee: PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG
); US PHILIPS CORP (PHIG)

Inventor: GALLERY R D

Number of Countries: 019 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9721166	A1	19970612	WO 96IB1225	A	19961114	199729 B
EP 808484	A1	19971126	EP 96935259	A	19961114	199801
			WO 96IB1225	A	19961114	
JP 11500249	W	19990106	WO 96IB1225	A	19961114	199911
			JP 97521102	A	19961114	
US 6285379	B1	20010904	US 96764701	A	19961204	200154

Priority Applications (No Type Date): GB 9525047 A 19951207

Cited Patents: EP 545684; US 5255211; US 5389865; WO 9508793

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9721166	A1	E	19	G06F-003/00	
				Designated States (National): JP	
				Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
EP 808484	A1	E		G06F-003/00	Based on patent WO 9721166
				Designated States (Regional): DE FR GB	
JP 11500249	W		20	G06F-003/033	Based on patent WO 9721166
US 6285379	B1			G06T-015/00	

Abstract (Basic): WO 9721166 A

The virtual body modelling apparatus includes a data store (30) holding data defining the **virtual** environment, a second store (32) holding data relating to features of the **virtual body representation**, and a user **motion** detector. A processor (24) generates a representation of the **virtual** environment based on the first store data to generate the body representation within the virtual environment based on second store data.

The processor periodically modifies the generated body representation in response to signals from the user motion detector. The second data store holds data defining one sequence of body motions, and the processor calls the sequence data to modify the generated body representation to follow the sequence of motions on the detection of one or more predetermined signals from the user motion detector.

ADVANTAGE - System is simple to implement whilst providing acceptable or better levels of realism. Provides feedback from environment to user.

Dwg.2/4

Title Terms: VIRTUAL; BODY; MODEL; APPARATUS; REPRESENT; BODY; VIRTUAL; ENVIRONMENT; PROCESSOR; CALL; SEQUENCE; DATA; STORAGE; DATA; STORAGE; MODIFIED; GENERATE; BODY; REPRESENT; FOLLOW; SEQUENCE; MOTION; DETECT; ONE; MORE; PREDETERMINED; SIGNAL; USER; MOTION; DETECT

Derwent Class: T01

International Patent Class (Main): G06F-003/00 ; G06F-003/033 ; G06T-015/00

File Segment: EPI

8/5/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

010713018 **Image available**

WPI Acc No: 1996-209973/199621

Related WPI Acc No: 1993-396867; 1995-035707; 1995-265021; 1996-105289; 1996-139099; 1996-370699; 1997-289442; 1997-489821; 1999-094337; 1999-428569; 1999-517427; 2001-578516

XRPX Acc No: N96-175656

Two-dimensional touch sensitive device for computer input - uses individual units of capacitive tablet to analyse received motion signals to detect various types of motion e.g. multiple finger gestures, hopping gesture and dragging gesture

Patent Assignee: SYNAPTICS INC (SYNA-N)

Inventor: ALLEN T P; GILLESPIE D; WOLF R

Number of Countries: 066 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

WO 9611435	A1	19960418	WO 95US13306	A	19951006	199621	B
AU 9540019	A	19960502	AU 9540019	A	19951006	199632	
US 5543591	A	19960806	US 92895934	A	19920608	199637	
			US 93115743	A	19930831		
			US 94300387	A	19940902		
			US 94320158	A	19941007		
EP 870223	A1	19981014	EP 95938766	A	19951006	199845	
			WO 95US13306	A	19951006		

Priority Applications (No Type Date): US 94320158 A 19941007; US 92895934 A 19920608; US 93115743 A 19930831; US 94300387 A 19940902

Cited Patents: 02Jnl.Ref; EP 490001; GB 2266038; US 4914624

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 9611435	A1	E	151	G06F-003/033	
------------	----	---	-----	--------------	--

Designated States (National): AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9540019	A		G06F-003/033	Based on patent WO 9611435
US 5543591	A	51	G08C-021/00	CIP of application US 92895934
				CIP of application US 93115743
				CIP of application US 94300387
				CIP of patent US 5734787

EP 870223	A1	E	G06F-003/033	Based on patent WO 9611435
-----------	----	---	--------------	----------------------------

Designated States (Regional): DE FR GB

Abstract (Basic): WO 9611435 A

Tapping, pushing, hopping and zigzag gestures are recognised by analysing the position, pressure and movement of the conductive object on the sensor pad during the time of application. Individual tap (280), zigzag (282) and push (284) units are used to identify the particular type of gesture. The outputs of the units are combined in a button control unit (286) to produce the actual button press signals sent to the host.

Signals are sent to a host indicating the occurrence of a detected gesture. Signals for compensating for unintended motion of the conductive object on the touch sensitive pad during the gestures are also sent to the host.

USE/ADVANTAGE - Cursor movement control in **computers** . Robust mounting. Simple and non-tiring for user. Compensates for unintended **motion** of e.g. **finger** during expression of **gesture** . For **simulation** of secondary button clicks.

Dwg.14/21

Title Terms: TWO-DIMENSIONAL; TOUCH; SENSITIVE; DEVICE; COMPUTER; INPUT; INDIVIDUAL; UNIT; CAPACITANCE; TABLET; ANALYSE; RECEIVE; MOTION; SIGNAL; DETECT; VARIOUS; TYPE; MOTION; MULTIPLE; FINGER; HOP; DRAG

Derwent Class: T01; T04; U21

International Patent Class (Main): **G06F-003/033** ; G08C-021/00

File Segment: EPI

8/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

010642364 **Image available**

WPI Acc No: 1996-139318/199614

Related WPI Acc No: 1994-006243; 1996-187294

XRPX Acc No: N96-116759

Computer-aided clothes designing system - receives data describing fabric characteristics, e.g. weave pattern, friction, average fibres per strand, strand wear characteristics, and elasticity, fabric colours and patterns, and personal characteristics e.g. dimensions and complexion

Patent Assignee: BEAVIN W C (BEAV-I)

Inventor: BEAVIN W C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5495568	A	19960227	US 90550343	A	19900709	199614 B
			US 91801914	A	19911203	
			US 93175780	A	19931227	

Priority Applications (No Type Date): US 93175780 A 19931227; US 90550343 A 19900709; US 91801914 A 19911203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5495568	A		11	G06F-017/50	CIP of application US 90550343 CIP of application US 91801914 CIP of patent US 5273038

Abstract (Basic): US 5495568 A

Digitised photographs of an individual are mapped over a three-dimensional image tailored to that individual's dimensions. Garment models are placed over the three-dimensional images, which reflect the input fabric characteristics and colour patterns. The fit is tailored to match the three-dimensional model, and shown graphically on the computer display device.

The three-dimensional model moves as the individual would move, such as raising the arms, bending, walking, or running. Motion inputs may come from prerecorded manoeuvre data, or user input through such means as computer keyboard, mouse, joystick, or other interaction devices such as body position sensors worn by the user to accurately input individual range of motion data. Friction between the individual and the fabric is monitored, as well as between areas of fabric rubbing on fabric, and shown graphically as a hot spot. User interaction to adjust the garment dimensions can be applied to adjust for the binding. The fabric model is affected by the motion through stretching and friction. Fabric conditions, such as temperature, moisture content, foreign objects, and fabric defects can be modified, and the fabric model indicating that fabric's response may be observed as the three dimensional model moves through normal ranges of motion. Fabric characteristics such as colour and pattern may be modified dynamically, so that the user may observe different garments. The three dimensional model can be made to move in slow motion, real-time, or faster than real-time to observe results. After the user is satisfied with the garment design, it is stored in computer memory, and can be presented in the form of a printed pattern to be placed over the chosen fabric and assembled into an actual garment, or a set of control outputs to an automated cutting machine may directly control cutting the garment's required pieces of fabric to construct the accurately tailored garment.

ADVANTAGE - graphically displays effects of garment wear. Enables operator to manipulate fabric characteristics, three-dimensional model and garment configurations.

Dwg.1/6

Title Terms: COMPUTER; AID; CLOTHING; DESIGN; SYSTEM; RECEIVE; DATA; DESCRIBE; FABRIC; CHARACTERISTIC; WEAVE; PATTERN; FRICTION; AVERAGE; FIBRE; PER; STRAND; STRAND; WEAR; CHARACTERISTIC; ELASTIC; FABRIC; COLOUR; PATTERN; PERSON; CHARACTERISTIC; DIMENSION; COMPLEXION

Derwent Class: T01

International Patent Class (Main): G06F-017/50

File Segment: EPI

8/5/11 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

010609125 **Image available**

WPI Acc No: 1996-106078/199611

XRPX Acc No: N96-088821

Virtual reality and remote reality system with dynamic feeling control - links computer-generated or camera image with wave resistance of electroviscous fluid in mechanical sensing device

Patent Assignee: ASAHI KASEI KOGYO KK (ASAHI)

Inventor: FURUSHO J; INOUE A; SANO A

Number of Countries: 009 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9602887	A1	19960201	WO 95JP1426	A	19950718	199611 B
JP 8504893	X	19970325	WO 95JP1426	A	19950718	199722
			JP 96504893	A	19950718	
EP 775961	A1	19970528	EP 95925143	A	19950718	199726
			WO 95JP1426	A	19950718	
KR 97705095	A	19970906	WO 95JP1426	A	19950718	199839
			KR 97700351	A	19970118	
EP 775961	A4	19971022	EP 95925143	A	19950718	199840
RU 2131621	C1	19990610	WO 95JP1426	A	19950718	200027
			RU 97102354	A	19950718	
KR 222628	B1	19991001	WO 95JP1426	A	19950718	200108
			KR 97700351	A	19970118	
CN 1156513	A	19970806	CN 95194777	A	19950718	200138
EP 775961	B1	20011017	EP 95925143	A	19950718	200169
			WO 95JP1426	A	19950718	
US 6310604	B1	20011030	WO 95JP1426	A	19950718	200172
			US 97776054	A	19970117	
DE 69523323	E	20011122	DE 623323	A	19950718	200201
			EP 95925143	A	19950718	
			WO 95JP1426	A	19950718	

Priority Applications (No Type Date): JP 94166791 A 19940719

Cited Patents: 3.Jnl.Ref; JP 5333171; JP 6274226; DE 4332580; GB 2263179;
GB 2265746

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9602887	A1	J	49	G06F-017/00	
				Designated States (National):	CA CN JP KR RU US
				Designated States (Regional):	DE FR IT
JP 8504893	X				Based on patent WO 9602887
EP 775961	A1	E	29		Based on patent WO 9602887
				Designated States (Regional):	DE FR IT
KR 97705095	A				Based on patent WO 9602887
RU 2131621	C1			G06F-017/60	Based on patent WO 9602887
KR 222628	B1			G06F-017/00	
CN 1156513	A			G06F-017/00	
EP 775961	B1	E		G06F-017/00	Based on patent WO 9602887
				Designated States (Regional):	DE FR IT
US 6310604	B1			G09G-005/00	Based on patent WO 9602887
DE 69523323	E			G06F-017/00	Based on patent EP 775961
					Based on patent WO 9602887

Abstract (Basic): WO 9602887 A

The virtual reality system provides representation of realistic dynamic feeling using variations in the wave resistance of an electroviscous liquid brought about by changes to the strength of the applied electric field.

Signals representing hand movement etc. are sent to the controlling computer from a sensing device eg. a data glove comprising a glove which operates a number of pistons acting on the electroviscous fluid. The computer links the wave resistance of the sensing device with a computer-generated image or an image from a remote camera, and controls the liquid viscosity, to give real time interaction between display and mechanical forces.

USE/ADVANTAGE - For virtual reality entertainment of training systems, remote control in dangerous environment, medical use etc. Allows real time control of dynamic feeling.

Dwg.1/20

Title Terms: VIRTUAL; REMOTE; SYSTEM; DYNAMIC; FEEL; CONTROL; LINK; COMPUTER; GENERATE; CAMERA; IMAGE; WAVE; RESISTANCE; FLUID; MECHANICAL; SENSE; DEVICE

Derwent Class: P62; P85; T01; T04

International Patent Class (Main): G06F-017/00 ; G06F-017/60 ; G09G-005/00

International Patent Class (Additional): B25J-009/16; G06F-003/00
File Segment: EPI; EngPI

8/5/12 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

009923604 **Image available**
WPI Acc No: 1994-191315/199423
XRPX Acc No: N94-150565

Interactive aircraft training system - presents 3-D image to individual through head mounted display based on head position and orientation, orientation and movement of hand in tactile glove data reflecting changes in environment

Patent Assignee: HUGHES TRAINING INC (HUGA)
Inventor: BAUM D R
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5320538	A	19940614	US 92950114	A	19920923	199423 B
TW 226049	A	19940701	TW 93107813	A	19930922	199430
KR 9705193	B1	19970414	KR 9319248	A	19930922	199938

Priority Applications (No Type Date): US 92950114 A 19920923
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5320538	A		9	G09B-005/00	
TW 226049	A			G06F-015/50	
KR 9705193	B1			G09B-005/00	

Abstract (Basic): US 5320538 A

The system includes a computer (20), and a head orientation and movement detector (40) of an individual (51). A pair of tactile gloves (42,44) receives a hand of the individual and detects and transmits to the computer as input data representing orientation and movements of the hand of the individual. A head mounted display (31) displays a stereoscopic computer-generated image of a training environment to the individual. An subsystem enables the computer to generate a stereoscopic image of the training environment.

A tactile object (43) grasped by an individual detects and transmits to the computer as input data orientation of, movements of, and manipulation of the object. The image of the training environment is displayed and changed by the computer relative to the input data received by the computer relating to orientation of, movement of, and manipulation of the object.

ADVANTAGE - More visually realistic representation of environment. Simulator may be disassembled and reassembled in new location. Less space required.

Dwg.1/5

Title Terms: INTERACT; AIRCRAFT; TRAINING; SYSTEM; PRESENT; IMAGE; INDIVIDUAL; THROUGH; HEAD; MOUNT; DISPLAY; BASED; HEAD; POSITION; ORIENT; ORIENT; MOVEMENT; HAND; TACTILE; GLOVE; DATA; REFLECT; CHANGE; ENVIRONMENT

Derwent Class: P85; S05; W02; W06
International Patent Class (Main): G06F-015/50 ; G09B-005/00
International Patent Class (Additional): G06F-015/62
File Segment: EPI; EngPI

8/5/13 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

009271941 **Image available**
WPI Acc No: 1992-399352/199249
Related WPI Acc No: 1992-065346; 1992-300511; 1992-300512; 1992-300513; 1992-300514; 1992-300515

XRPX Acc No: N92-304691

Human body computer animation developing method - using dynamics which enables animator to design motions in interactive manner based on actual motions of body without requiring trial and error or intuition of animator

Patent Assignee: SHUKYOHOJIN KONGO ZEN SOHONZAN (SHUK-N); SHUKYOHOJIN KONGO ZEN SOHONZAN SHORINJI (SHUK-N); SHUKYO HOJIN KONGOZEN SOHONZAN SHORINJI (SHUK-N); SHUKYOHOJI KONGO ZEN SOHOZAN SHORIJI (SHUK-N)

Inventor: KUNII T; SUN L

Number of Countries: 010 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2043902	A	19920626	CA 2043902	A	19910605	199249 B
EP 520099	A1	19921230	EP 91305681	A	19910624	199301 N
CN 1067517	A	19921230	CN 91103807	A	19910601	199336 N
JP 8329272	A	19961213	JP 90418252	A	19901225	199709
			JP 95354839	A	19901225	
US 5623428	A	19970422	US 91714307	A	19910612	199722
			US 94178217	A	19940106	

Priority Applications (No Type Date): JP 90418252 A 19901225; EP 91305681 A 19910624; CN 91103807 A 19910601; JP 95354839 A 19901225

Cited Patents: 03Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2043902	A		19	G06F-015/20	
EP 520099	A1	E	26	G06F-015/72	
Designated States (Regional): CH DE FR GB LI NL					
JP 8329272	A		6	G06T-013/00	Div ex application JP 90418252
US 5623428	A		12	G06F-017/00	CIP of application US 91714307
CN 1067517	A			G06F-015/20	

Abstract (Basic): CA 2043902 A

A moving body is divided into a number of segments connected by joints, each of the segments acting as a minimal unit of motion. A model is constructed on the basis of constraints including the inherent feature of each segment, the articulation of the body, and the range of the movement of each joint. The model is inputted into a database and the actual motions of the body are applied to the model. The resulting motions of the model are calculated using inverse dynamics. The centre of gravity of each segment, the force and torque exerted on each joint, the centre of gravity of the whole body, and the force and torque on the centre of gravity of the whole body are also calculated.

A number of basic motions are chosen from the database and there physical parameters modified. The motions of each segment when forces corresp. to the basic motions are applied to the segments, are calculated using dynamics while neglecting constraints on the articulation of the moving body and the range of movements of the joints. The constraints are checked and modified. The resulting motions of the model are displayed on a screen.

ADVANTAGE - Generates realistic 3 - D modelling picture.

Represents all motions of human or animal body .

Dwg.1/4

Title Terms: HUMAN; BODY; COMPUTER; ANIMATED; DEVELOP; METHOD; DYNAMIC; ENABLE; DESIGN; MOTION; INTERACT; MANNER; BASED; ACTUAL; MOTION; BODY; REQUIRE; TRIAL; ERROR

Derwent Class: P14; P36; P85; S02; S05; T01; W04

International Patent Class (Main): G06F-015/20 ; G06F-015/72 ; G06F-017/00 ; G06T-013/00

File Segment: EPI; EngPI

8/5/14 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

008784187 **Image available**

WPI Acc No: 1991-288204/199139

Related WPI Acc No: 1989-241599; 1994-316311; 1996-159867

XRPX Acc No: N91-220571

Real-time take off and landing performance monitoring system - uses inputs of ambient conditions and airplane configuration data in pre-takeoff segment to generate scheduled performance data

Patent Assignee: NAT AERO & SPACE ADMIN (USAS)

Inventor: MIDDLETON D B; PERSON L H; SRIVATSAN R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5047942	A	19910910	US 88192562	A	19880511	199139 B

Priority Applications (No Type Date): US 88192562 A 19880511; US 8782766 A 19870806

Abstract (Basic): US 5047942 A

The landing performance monitoring system has a transducer for continuously sensing ambient conditions and airplane loading and acceleration information and generating representative information signals. A computer responds to the information signals for generating an acceleration history curve and predicting future airplane performance from and during take-off and landing based on the acceleration history curve and the information signals.

A head-up display responds to **signals** from the **computer** for **depicting** the position of the airplane on the runway and for depicting the predicted location on the runway where the airplane will achieve any particular speed. (27pp Dwg.No.1/10)

Title Terms: REAL-TIME; LANDING; PERFORMANCE; MONITOR; SYSTEM; INPUT; AMBIENT; CONDITION; CONFIGURATION; DATA; PRE; SEGMENT; GENERATE; SCHEDULE ; PERFORMANCE; DATA

Derwent Class: T01; W06

International Patent Class (Additional): G06F-015/50

File Segment: EPI

8/5/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

008748822 **Image available**

WPI Acc No: 1991-252840/199134

Related WPI Acc No: 1997-288793; 2000-429828; 2002-048834

XRPX Acc No: N91-192688

Control system for force feedback - controls set force to part of body and provides data to computer for simulating graphics in virtual environment

Patent Assignee: KRAMER J F (KRAM-I); VIRTUAL TECHNOLOGIES INC (VIRT-N)

Inventor: KRAMER J F

Number of Countries: 019 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9111775	A	19910808				199134 B
AU 9173199	A	19910821				199147
EP 513199	A1	19921119	EP 91904451	A	19910130	199247
			WO 91US632	A	19910130	
US 5184319	A	19930202	US 90474168	A	19900202	199308
JP 5506736	W	19930930	JP 91504884	A	19910130	199344
			WO 91US632	A	19910130	
AU 9457523	A	19940428	AU 9457523	A	19940303	199422
			AU 9173199	A		
AU 649655	B	19940602	AU 9173199	A	19910130	199427
EP 513199	A4	19930107	EP 91904451	A		199524
AU 671705	B	19960905	AU 9173199	A	19910130	199647
			AU 9457523	A	19940303	
KR 252706	B1	20000415	KR 92701851	A	19920803	200124
CA 2075178	C	20010724	CA 2075178	A	19910130	200147
			WO 91US632	A	19910130	

Priority Applications (No Type Date): US 90474168 A 19900202
Cited Patents: US 4302138; US 4414984; US 4510574; US 4655673; US 4962448;
US 4988981; No-Citns.; US 3923166

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9111775 A
Designated States (National): AU CA JP KR
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE
EP 513199 A1 E 75 G06G-007/48 Based on patent WO 9111775
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
US 5184319 A 30 B25J-003/00
JP 5506736 W G06F-003/033 Based on patent WO 9111775
AU 9457523 A G06F-003/03 Div ex application AU 9173199
AU 649655 B G06F-003/03 Previous Publ. patent AU 9173199
Based on patent WO 9111775
AU 671705 B G06F-003/03 Div ex application AU 9173199
Previous Publ. patent AU 9457523
KR 252706 B1 G06G-007/48
CA 2075178 C E G06G-007/48 Based on patent WO 9111775

Abstract (Basic): WO 9111775 A

The interface consists of a force actuating device that produces a force which is transmitted to a force applying device. The force applying device applies the generated force to a pressure sensing body part. A force transducer on the force applying device measures the actual force applied to the pressure sensing body part, while angular sensors measure the angles of relevant joint body parts.

A computing device such as a microprocessor uses the joint body part positional information to determine a desired force value to be applied to pressure sensing body part. The computing device combines the joint body part positional information with the force sensor information to calculate the desired force which is sent to the force actuating device DC servo-motor. In this way, the computing device may control the actual force applied to a pressure sensing body part to a set desired force which depends on the positions of related joint body parts. The man-machine interface also comprises a displacement actuating device which produces a displacement transmitted to a displacement applying device such as a texture simulator. The displacement applying device applies the generated displacement to a pressure sensing body part.

USE/ADVANTAGE - Virtual environments and **computer graphics simulation** of man-machine interaction on **body parts movements**. Texture feedback system determines force set point by using a **computer** knowledge of environment, object shapes and positions. (75pp
Dwg.No.9/19)

Title Terms: CONTROL; SYSTEM; FORCE; FEEDBACK; CONTROL; SET; FORCE; PART; BODY; DATA; COMPUTER; SIMULATE; GRAPHIC; VIRTUAL; ENVIRONMENT

Derwent Class: P62; T01; T02

International Patent Class (Main): B25J-003/00; **G06F-003/03** ;

G06F-003/033 ; G06G-007/48

International Patent Class (Additional): G01L-005/00; **G06F-003/00** ;

G06F-003/02 ; **G06F-003/05**

File Segment: EPI; EngPI

8/5/16 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

007331664

WPI Acc No: 1987-328671/198747

XRPX Acc No: N87-245996

Movement simulation system for human model - uses computer program to update stored coordinates for each body vol. to simulate motion of graphic display

Patent Assignee: GIT ING TECH GMBH (GITI-N)

Inventor: ELIAS H; LUX C; WETJEN A

Number of Countries: 010 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 246340	A	19871125	EP 86106774	A	19860517	198747 B

Priority Applications (No Type Date): EP 86106774 A 19860517

Cited Patents: 4.Jnl.Ref

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 246340	A	G 7		

Designated States (Regional): AT BE CH FR GB IT LI LU NL SE

Abstract (Basic): EP 246340 A

The movement simulation system uses a computer animation with the individual parts of the body provided by relatively movable volumes, each defined by a group of stored coordinate points, which define both its surface and its internal vol. The stored spatial coordinates for each volume are updated by the computer motion simulation programme, to allow simulated movement of the different parts of the body relative to one another and to external objects.

The plasisibility of the simulation is maintained by controlling the updating of the different spatial coordinates, to ensure that an uninterrupted body surface is represented between the adjacent volumes. The extreme values may be defined in terms of the body anatomy for a defined group of people.

USE - For computer-aided design.

1/7

Title Terms: MOVEMENT; SIMULATE; SYSTEM; HUMAN; MODEL; COMPUTER; PROGRAM; UPDATE; STORAGE; COORDINATE; BODY; VOLUME; SIMULATE; MOTION; GRAPHIC; DISPLAY

Derwent Class: P85; T01

International Patent Class (Additional): G06F-015/72 ; G09B-023/28

File Segment: EPI; EngPI

8/5/17 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

003917383

WPI Acc No: 1984-062927/198410

XPX Acc No: N84-047599

Mark detector for ballot paper using digital computer - reads correctly regardless of paper orientation and of sensitivity variations of light emitting and light reading components of reading head

Patent Assignee: COMPUTER ELECTION SYSTEMS (COMP-N)

Inventor: FOGG M; KRIEGER C F; VEALE J R

Number of Countries: 014 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8400832	A	19840301	WO 83US1224	A	19830810	198410 B
EP 115536	A	19840815	EP 83902846	A	19830810	198433
US 4479194	A	19841023	US 82406920	A	19820810	198445

Priority Applications (No Type Date): US 82406920 A 19820810

Cited Patents: 1.Jnl.Ref; US 3530010; US 3582660; US 3673389; US 3983364; US 4021780

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 8400832	A	E 195		

Designated States (National): BR JP SU

Designated States (Regional): AT BE CH DE FR GB LU NL SE

EP 115536 A E

Designated States (Regional): AT BE CH DE FR GB LI LU NL SE

Abstract (Basic): US 4479194 A

A microprocessor based mark-sense ballot card reading system has automatic mark detection threshold adjustment, automatic skew and card speed correction, and provision for

simultaneous, accurate reading of both sides of a ballot card regardless of card input orientation.

A multidispatch, multipage real time control program is utilized to enable multiple event detection on each card side and asynchronous processing of such multiple events on a two-sided card.

Positive document sensing and control are monitored by the microprocessor control system.

A folded card path card transport mechanism with diverter stations operates under microprocessor control to determine card destination.

(75pp)

Title Terms: MARK; DETECT; BALLOT; PAPER; DIGITAL; COMPUTER; READ; CORRECT; PAPER; ORIENT; SENSITIVE; VARIATION; LIGHT; EMIT; LIGHT; READ; COMPONENT; READ; HEAD

Derwent Class: T01

International Patent Class (Additional): G06F-007/06 ; G06K-003/00;

G07C-013/00

File Segment: EPI

8/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00916541

VIRTUAL ENVIRONMENT INTERACTION AND NAVIGATION DEVICE
VORRICHTUNG ZUR INTERAKTION UND NAVIGATION IN EINER VIRTUELLEN UMGEBUNG
DISPOSITIF D'INTERACTION ET DE NAVIGATION DANS UN ENVIRONNEMENT VIRTUEL
PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

GALLERY, Richard, David, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
SHAH, Jain, Kumar, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
HERON, Dale, Robert, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

White, Andrew Gordon (73162), Philips Electronics UK Limited, Patents and
Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1 5HA, (GB) ..

PATENT (CC, No, Kind, Date): EP 846286 A1 980610 (Basic)
EP 846286 B1 020220
WO 9750029 971231

APPLICATION (CC, No, Date): EP 97915632 970416; WO 97IB410 970416

PRIORITY (CC, No, Date): GB 9613315 960625

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200208	453
CLAIMS B	(German)	200208	463
CLAIMS B	(French)	200208	549
SPEC B	(English)	200208	1829
Total word count - document A			0
Total word count - document B			3294
Total word count - documents A + B			3294

INTERNATIONAL PATENT CLASS: G06F-003/00

...SPECIFICATION physical movements or user inputs may be used as a
trigger, with a generated or modelled sequence of virtual body
motions being initiated - regardless of what motions the user may make
whilst

8/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00551296

Graphical method of inputting time values.
Graphisches Verfahren zur Eingabe von Zeitwerten.
Methode graphique d'introduction de valeurs temporelles.
PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Fleming, Steve S., 3633 Herschell Avenue, Dallas, TX 75219, (US)

LEGAL REPRESENTATIVE:

de Pena, Alain (15151), Compagnie IBM France Departement de Propriete
Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 511929 A1 921104 (Basic)

APPLICATION (CC, No, Date): EP 92480050 920327;

PRIORITY (CC, No, Date): US 693741 910430

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/023

ABSTRACT WORD COUNT: 58

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	452
SPEC A	(English)	EPABF1	2841
Total word count - document A			3293
Total word count - document B			0
Total word count - documents A + B			3293

INTERNATIONAL PATENT CLASS: G06F-003/023

...CLAIMS of a time value, which comprises the steps of:

- a) displaying on the screen a **graphical** representation of an **analog** clock including at least one **hand** ;
- b) **moving** said **hand** by user action to indicate a selected time; and,
- c) automatically updating the time value...

8/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00484965

Motion analyzing method.

Bewegungsanalyseverfahren.

Methode d'analyse du mouvement.

PATENT ASSIGNEE:

SHUKYOHJOIN, KONGO ZEN SOHONZAN SHORINJI, (1384860), 1-48, Hondori
3-chome, Tadotsucho, Nakatado-gun, Kagawa-ken, (JP), (applicant
designated states: CH;DE;FR;GB;LI;NL)

INVENTOR:

Kunii,Tosiyasu, 25-21-602,Hongo-1-1chome, Bunkyo-ku Tokyo, (JP)
Sun,Lining, 602,1-22-13 Miyamoto Funabashi, Chiba, (JP)

LEGAL REPRESENTATIVE:

Stoner, Gerard Patrick et al (59901), Mewburn Ellis 2 Cursitor Street,
London EC4A 1BQ, (GB)

PATENT (CC, No, Kind, Date): EP 520098 A1 921230 (Basic)

APPLICATION (CC, No, Date): EP 91305670 910624;

PRIORITY (CC, No, Date): EP 91305670 910624

DESIGNATED STATES: CH; DE; FR; GB; LI; NL

INTERNATIONAL PATENT CLASS: G06F-015/72

ABSTRACT WORD COUNT: 99

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	156
SPEC A	(English)	EPABF1	1378
Total word count - document A			1534
Total word count - document B			0
Total word count - documents A + B			1534

INTERNATIONAL PATENT CLASS: G06F-015/72

...SPECIFICATION depends on the subject of analysis. Unfortunately,
kinematic analysis can only generate a line picture **representing** the
parts constituting the **moving body** , and a three-dimensional **model**
of the **moving body** cannot be displayed realistically. Accordingly, it
is difficult to understand the display.

Furthermore, while **computer** analysis of motions preferably utilizes
a method having real time response, conventional methods have no...

8/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00306058

Digital data processing system.

Digitales Datenverarbeitungssystem.

Système de traitement de données numériques.

PATENT ASSIGNEE:

DATA GENERAL CORPORATION, (410940), Route 9, Westboro Massachusetts 01581
, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

Bachman, Brett L., 214 W. Canton Street Suite 4, Boston Massachusetts
02116, (US)

Bernstein, David H., 41 Bay Colony Drive, Ashland Massachusetts 01721,
(US)

Bratt, Richard Glenn, 9 Brook Trail Road, Wayland Massachusetts 01778,
(US)

Clancy, Gerald F., 13069 Jaccaranda Center, Saratoga California 95070,
(US)

Gavrin, Edward S., Beaver Pond Road RFD 4, Lincoln Massachusetts 01773,
(US)

Gruner, Ronald Hans, 112 Dublin Wood Drive, Cary North Carolina 27514,
(US)

Jones, Thomas M. Jones, 300 Reade Road, Chapel Hill North Carolina 27514,
(US)

Katz, Lawrence H., 10943 S. Forest Ridge Road, Oregon City Oregon 97045,
(US)

Mundie, Craig James, 136 Castlewood Drive, Cary North Carolina, (US)

Pilat, John F., 1308 Ravenhurst Drive, Raleigh North Carolina 27609, (US)

Richmond, Michael S., Fearingtn Post Box 51, Pittsboro North Carolina
27312, (US)

Schleimer Stephen I., 1208 Ellen Place, Chapel Hill North Carolina 27514,
(US)

Wallach, Steven J., 12436 Green Meadow Lane, Saratoga California 95070,
(US)

Wallach, Walter, A., Jr., 1336 Medfield Road, Raleigh North Carolina
27607, (US)

LEGAL REPRESENTATIVE:

Robson, Aidan John et al (69471), Reddie & Grose 16 Theobalds Road,
London WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 290111 A2 881109 (Basic)
EP 290111 A3 890503
EP 290111 B1 931222

APPLICATION (CC, No, Date): EP 88200917 820521;

PRIORITY (CC, No, Date): US 266404 810522

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 67556 (EP 823025960)

INTERNATIONAL PATENT CLASS: G06F-009/30

ABSTRACT WORD COUNT: 123

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	EPBBF1	1044
----------	-----------	--------	------

CLAIMS B	(German)	EPBBF1	890
----------	----------	--------	-----

CLAIMS B	(French)	EPBBF1	1185
----------	----------	--------	------

SPEC B	(English)	EPBBF1	154314
--------	-----------	--------	--------

Total word count - document A			0
-------------------------------	--	--	---

Total word count - document B			157433
-------------------------------	--	--	--------

Total word count - documents A + B			157433
------------------------------------	--	--	--------

INTERNATIONAL PATENT CLASS: G06F-009/30

...SPECIFICATION 10128 and IOM Bus 10130. Information stored in IOS 10116
is then transferred to ED 10124 through I/O Bus 10126.

During execution of a user's program, certain information required...

8/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

00286567

System and method for using a floppy disk controller for various types of floppy disk drives.

System und Verfahren zur mehrfachen Ausnutzung eines Floppy-disk Kontrollers für verschiedene Floppy-disk geräte.

Système et méthode pour utiliser une commande de disque sauple pour divers types d'appareils a disque sauple.

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
DE;FR;GB;IT;NL)

INVENTOR:

Okamura, Hiroshi c/o Patent Division, Kabushiki Kaisha Toshiba 1-1
Shibaura 1-chome, Minato-ku Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, D-81675
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 280326 A2 880831 (Basic)
EP 280326 A3 900321
EP 280326 B1 940112

APPLICATION (CC, No, Date): EP 88102915 880226;

PRIORITY (CC, No, Date): JP 8744523 870227

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G11B-005/02; G11B-005/09; G11B-005/012;
G11B-005/016; G06F-003/06

ABSTRACT WORD COUNT: 263

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1536
CLAIMS B	(German)	EPBBF1	1325
CLAIMS B	(French)	EPBBF1	1761
SPEC B	(English)	EPBBF1	5312
Total word count - document A			0
Total word count - document B			9934
Total word count - documents A + B			9934

...INTERNATIONAL PATENT CLASS: G06F-003/06

...SPECIFICATION relative to the tunnel erase head.

In recording data on a recording medium, a host computer supplies the floppy disk controller (FDC) with a timing signal representing the record-starting time and the record- ending time. The timing signal is supplied to a control circuit provided within the FDC. The...

8/3,K/6 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00902201

CAM-TO-WEB: GLOBAL PLAYER ALBUM

PROCESSUS DE TRANSFERT D'INFORMATIONS DEPUIS UNE CAMERA VERS UN SITE WEB:
ALBUM DE JOUEURS A L'ECHELLE MONDIALE

Patent Applicant/Inventor:

AVISON Peter, Lot 14, Blomfield lane, RD 4, Pukekohe, NZ, NZ (Residence),
NZ (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200235418 A1 20020502 (WO 0235418)

Application: WO 2001NZ32 20010306 (PCT/WO NZ0100032)

Priority Application: NZ 336927 20001028

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Publication Language: English
Filing Language: English

Main International Patent Class: G06F-017/60

8/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00871075 **Image available**
VIRTUAL INTERACTIVE GLOBAL EXCHANGE
ECHANGE GLOBAL INTERACTIF VIRTUEL

Inventor(s):

SARMA Sanjay, 67 Hurd Road, Belmont, MA 02478, US,

Patent Applicant/Inventor:

MELKOMIAN Raymond, 68-23 Douglaston Parkway, Douglaston, NY 11362, US, US
(Residence), US (Nationality)

Legal Representative:

SAPONE William J (agent), Coleman Sudol Sapone P.C., 714 Colorado Avenue,
Bridgeport, CT 06605, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205182 A1 20020117 (WO 0205182)

Application: WO 2001US21377 20010706 (PCT/WO US0121377)

Priority Application: US 2000216195 20000706

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11633

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... can be displayed based on user input via keyboard, mouse, voice,
joystick or preferably by **virtual** input from a **virtual** device such as
a glove that converts **hand movement** into a digital signal for
simulation on the **virtual** trading floor. Various devices are known for
user interaction with a **virtual** environment, from a glove, to a headset
with an internal or heads up display to...

8/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00844277 **Image available**
SYSTEM, METHOD AND APPARATUS FOR INTERNATIONAL FINANCIAL TRANSACTIONS
SYSTEME, PROCEDE ET APPAREIL POUR TRANSACTIONS FINANCIERES INTERNATIONALES

Patent Applicant/Assignee:

RUESCH INTERNATIONAL INC, 700 Eleventh Street, N.W., Washington, DC
20001-4507, US, US (Residence), US (Nationality)

Inventor(s):

SZOC Ronald Z, 2344 Nebraska Avenue, N.W., Washington, DC 20016, US,

ZAMUROVIC Radomir, 8408 Bells Ridge Terrace, Potomac, MD 20854, US,

LESURE Jim, 324 Salisbury Road, Edgewater, MD 21037, US,

SHANAHAN Jeremy, 8600 Pappas Way, Annandale, VA 22003, US,

Legal Representative:

BELL Michael J (et al) (agent), Howrey Simon Arnold & White, LLP, 1299
Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200177868 A2 20011018 (WO 0177868)
Application: WO 2001US10891 20010404 (PCT/WO US0110891)
Priority Application: US 2000194587 20000405; US 2001825366 20010404

Designated States: AU CA MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 13930

Main International Patent Class: G06F-017/00

Fulltext Availability:

Detailed Description

Detailed Description

... Apple Computer, Inc., Cupertino, CA, environments.

An animated GIF is a graphic image on a **Web** page that moves, e.g. a twirling **icon** or a banner with a **hand** that **waves** or letters that get larger. In particular, an animated GIF is a file in the...

8/3,K/9 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00790516 **Image available**

SYSTEM AND METHOD FOR PERFORMING DISCRETE SIMULATION OF ERGONOMIC MOVEMENTS
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER LA SIMULATION DISCRETE DE
MOUVEMENTS ERGONOMIQUES

Patent Applicant/Inventor:

ELYEA Larry L, 5180 Woodfield Drive, Centreville, VA 20120-4121, US, US
(Residence), US (Nationality)

BROWN John W, 9458 Weeping Willow Drive, Manassas, VA 20110-7906, US, US
(Residence), US (Nationality)

AUBIN David J, P.O. Box 1126A RR#2, Center Harbor, NH 03226-9409, US, US
(Residence), US (Nationality)

CATHELL Vance J, 5443 Safe Harbor Court, Fairfax, VA 22032-3319, US, US
(Residence), US (Nationality)

Legal Representative:

GARRETT Arthur S (agent), Finnegan, Henderson, Farabow, Garrett & Dunner,
L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200124001 A1 20010405 (WO 0124001)
Application: WO 2000US26781 20000929 (PCT/WO US0026781)
Priority Application: US 99156513 19990929

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6540

Main International Patent Class: G06F-009/455

Fulltext Availability:

Detailed Description

English Abstract

...In addition to a tabular output of the simulation results, the present system provides a **graphical** representation (800) of a subject performing the simulated tasks together with color-coded **depictions** illustrating awkward and overly-demanding **body movements**.

Furthermore, an event detector (Fig.8, 810) is provided to detect invalid

events that may...

Detailed Description

... In addition to a tabular output of the simulation results, the present system includes a **graphical** representation of a subject performing the simulated tasks together with colorcoded **depictions** illustrating awkward and overly-demanding **body movements**.

Furthermore, an event detector is provided to detect invalid events that may be simulated during...

8/3,K/10 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00781933 **Image available**

METHOD AND DEVICE FOR INPUTTING CONTROL SIGNALS

PROCEDE ET DISPOSITIF D'INTRODUCTION DE SIGNAUX DE COMMANDE

VERFAHREN UND ANORDNUNG ZUR EINGABE VON STEUERSIGNALEN

Patent Applicant/Assignee:

SIEMENS AKTIENGESELLSCHAFT, Wittelsbacherplatz 2, 80333 Munchen, DE, DE
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MEISSNER Eckhard, Ingelsberger Weg 50, 85604 Zorneding, DE, DE
(Residence), DE (Nationality), (Designated only for: US)

Legal Representative:

SIEMENS AKTIENGESELLSCHAFT (commercial rep.), Postfach 22 16 34, 80506
Munchen, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200115067 A1 20010301 (WO 0115067)

Application: WO 2000DE2858 20000822 (PCT/WO DE0002858)

Priority Application: DE 19939855 19990823

Designated States: CN HU IN JP KR US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: German

Filing Language: German

Fulltext Word Count: 1585

International Patent Class: G06F-003/033

English Abstract

...the surface of a finger are detected and used to determine the position of the **finger**. The **movement** of a **graphically represented** marker is then determined by the relative position of the finger to a predetermined reference...

8/3,K/11 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00778322 **Image available**

VIRTUAL DRESSING OVER THE INTERNET

HABILLEMENT VIRTUEL PAR L'INTERMEDIAIRE D'INTERNET

Patent Applicant/Assignee:

HI-PIC LTD, Misgav Technology Center, 20179 D.N. Misgav, IL, IL
(Residence), IL (Nationality), (For all designated states except: US)

FRIEDMAN Mark M, Alharizi 1, 43406 Raanana, IL, IL (Residence), US
(Nationality), (Designated only for: TJ)

Patent Applicant/Inventor:

ROM Ehud, Yuvalim 110, 20142 D.N. Misgav, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

Legal Representative:

FRIEDMAN Mark M, c/o Anthony Castorina, Suite 207, 2001 Jefferson Davis
Highway, Arlington, VA 22202, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200111886 A1 20010215 (WO 0111886)

Application: WO 99US24960 19991025 (PCT/WO US9924960)
Priority Application: US 98179826 19981028
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4489

...International Patent Class: G06F-017/60
Fulltext Availability:
Detailed Description

Detailed Description

... example, if the hands of the user are not in the appropriate position for the modeled clothes, then the software moves the hands accordingly. Furthermore, the software requires manual intervention to obtain a good fit of the dimensions of the body of...

8/3,K/12 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00762504 **Image available**

MOTION DETECTION AND TRACKING SYSTEM TO CONTROL NAVIGATION AND DISPLAY OF OBJECT VIEWERS
SYSTEME DE POURSUITE ET DE DETECTION DE MOUVEMENTS PERMETTANT DE COMMANDER LA NAVIGATION ET L'AFFICHAGE DE VISUALISEURS D'OBJETS

Patent Applicant/Assignee:

VEGA VISTA INC, Suite 202, 355 West Olive Avenue, Sunnyvale, CA 94086, US
, US (Residence), US (Nationality)

Inventor(s):

FLACK James F, 13070 Alta Lane South, Los Altos Hills, CA 94022, US
FATEH Sina, 1489 Mallard Way, Sunnyvale, CA 94087, US
MOTTE David L, 405 Azalea Avenue, Ben Lomond, CA 95005, US

Legal Representative:

MACKENZIE Douglas E, Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075914 A1 20001214 (WO 0075914)
Application: WO 2000US15210 20000602 (PCT/WO US0015210)
Priority Application: US 99328053 19990608; US 99441001 19991109

Designated States: CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 8283

...International Patent Class: G06F-003/00
Fulltext Availability:
Detailed Description

Detailed Description

... to zoom and focus on a portion of the San Francisco waterfTont;

7

FIGURE 12 depicts the result of rotational movement of the hand held computer

without rotational translation;

FIGURE 13 depicts a hand held computer in conjunction with a laptop and desktop computer in accordance with one embodiment of the...74 will

result in more eastward exploration as depicted in FIGURE 1 1.

FIGURE 12 depicts the result of rotational movement of the hand held computer 20.

In this case the display 28 does not change when the computer 20 is rotated along an axis.

Note, however, that other embodiments of the invention may...

8/3,K/13 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00756234

DATA MODELING SIMULATION

SIMULATION DE MODELISATION DE DONNEES

Patent Applicant/Assignee:

SIMPLAYER COM LTD, 125 Cambridge Park, Cambridge, MA 02140, US, US
(Residence), US (Nationality)

Inventor(s):

GIVOL Yoel, 85 Somerset Street, Cambridge, MA 02140, US
HAREL Amir, 373 Highland Avenue, Somerville, MA 02140, US
KAMAY Yaniv, Ganot 101, 50293 Ganot, IL
ROSIN Menachem, 34 Shderot Chen Street, 76469 Rehovot, IL

Legal Representative:

TOSTI Robert J, Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125
High Street, Boston, MA 02110, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200068788 A1 20001116 (WO 0068788)
Application: WO 2000US11138 20000426 (PCT/WO US0011138)
Priority Application: US 99307627 19990507

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14659

Main International Patent Class: G06F-009/44

International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... laws of motion to the body. An item routine 330 of the component 324 contains software instructions and data to render a pictorial representation of the motion of a body 333 (FIG. 313) when the body 333 moves within a square enclosure 370. An item...

...45. Thus, the component 324, via its item routines 330, 334, may be utilized to simulate the motion of the body 333, and to represent the motion pictorially and graphically for different positions and velocities of the body 333.

A graphical component 331 belonging to the output-display category performs iterative calculations to generate a Cartesian...

8/3,K/14 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00739251 **Image available**

METHOD FOR MARKETING AND SELLING THAT MAY CONTAIN A MEMBERSHIP BUYING OPPORTUNITY

PROCEDE DE COMMERCIALISATION ET DE VENTE POUVANT INCLURE UN GROUPEMENT D'ACHATS EN COMMUN

Patent Applicant/Assignee:

AMWAY CORPORATION, 7575 Fulton Street East, Ada, MI 49355-0001, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ARGANBRIGHT Daniel A, 955 Diamond, N.E., Grand Rapids, MI 49503, US, US
(Residence), US (Nationality), (Designated only for: US)

BAMBOROUGH Dave, 1786 Middleground Drive, S.E., Kentwood, MI 49546, US,
US (Residence), US (Nationality), (Designated only for: US)

BANCINO Randy S, 17011 Shaner Avenue, N.E., Rockford, MI 49341, US, US
(Residence), US (Nationality), (Designated only for: US)

BLODGETT James G, 5446 Discovery Drive, S.E., Kentwood, MI 49508, US, US
(Residence), US (Nationality), (Designated only for: US)

DANGL William, 1855 Laraway Lane, Grand Rapids, MI 49546, US, US
(Residence), US (Nationality), (Designated only for: US)

HORDER-KOOP Robin, 8099 Wilderness Trail, N.E., Ada, MI 49301, US, US
(Residence), US (Nationality), (Designated only for: US)

HUNKING Jim, 63 Mountainview Crescent, London, Ontario N6J 4M7, CA, CA
(Residence), CA (Nationality), (Designated only for: US)

MCDONALD Kenneth J, 9171 Conservancy, Ada, MI 49301, US, US (Residence),
US (Nationality), (Designated only for: US)

PARKER John P, 6188 Rogue River Meadows, Belmont, MI 49306, US, US
(Residence), US (Nationality), (Designated only for: US)

SAVAGE Kelly K, 4188 104th Street, S.W., Byron Center, MI 49315, US, US
(Residence), US (Nationality), (Designated only for: US)

VISSER Steven R, 2157 Okemos, S.E., Grand Rapids, MI 49506, US, US
(Residence), US (Nationality), (Designated only for: US)

ZEVALKINK Claire, 2900 Pioneer Club Road, S.E., Grand Rapids, MI 49506,
US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

KATZ James L (agent), Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600,
455 North Cityfront Plaza Drive, Chicago, IL 60611-5599, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052617 A1 20000908 (WO 0052617)

Application: WO 2000US5073 20000229 (PCT/WO US0005073)

Priority Application: US 99122385 19990302; US 99126493 19990325; US
2000515861 20000229

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 44003

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Cupertino, CA, environments.

10

Animated GIF

An animated GIF is a graphic image on a **Web** page that moves - for example, a twirling **icon** or a banner with a **hand** that **waves** or letters that get larger. In particular, an animated GIF is a file in the

...

8/3,K/15 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00739190 **Image available**

**ELECTRONIC COMMERCE TRANSACTIONS WITHIN A MARKETING SYSTEM THAT MAY CONTAIN
A MEMBERSHIP BUYING OPPORTUNITY
TRANSACTIONS DE COMMERCE ELECTRONIQUE DANS UN SYSTEME DE COMMERCIALISATION
POUVANT INCLURE UN GROUPEMENT D'ACHATS EN COMMUN**

Patent Applicant/Assignee:

QUIXTAR INVESTMENTS INC, Suite 3275, 30600 Telegraph Road, Bingham Farms,
MI 48025, US, US (Residence), US (Nationality), (For all designated
states except: US pmbrk=pmno)

Patent Applicant/Inventor:

ARGANBRIGHT Daniel A, 955 Diamond N.E., Grand Rapids, MI 49503, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
BAMBOROUGH Dave, 1786 Middleground Drive S.E., Kentwood, MI 49546, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
BANCINO Randy S, 10711 Shaner Avenue N.E., Rockford, MI 49341, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
BLODGETT James G, 5446 Discovery Drive S.E., Kentwood, MI 49508, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
CARLSON Bruce H, 6681 Checkerberry, Rockford, MI 49341, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
DANGL William, 1855 Laraway Lane, Grand Rapids, MI 49546, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
HAZARD William, 17282 Timberdune Drive, Grand Haven, MI 49417, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
HORDER-KOOP Robin, 8099 Wilderness Trail N.E., Ada, MI 49301, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
HUNKING Jim, 63 Mountainview Crescent, London, Ontario N6J 4M7, CA, CA
(Residence), CA (Nationality), (Designated only for: US pmbrk=pmyes)
KAMPHUIS Aaron M, 7427 23rd Avenue, Jenison, MI 49428, US, US (Residence)
, US (Nationality), (Designated only for: US pmbrk=pmyes)
LANG Gregory J, 4358 Mile Road N.E., Grand Rapids, MI 49525-9633, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
MAHIEU Gary A, 5198 Quailcrest, Grand Rapids, MI 49546, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
MCCORMICK Kathryn E, 333 W. Green, Hastings, MI 49058, US, US (Residence)
, US (Nationality), (Designated only for: US pmbrk=pmyes)
MCDONALD Kenneth J, 9171 Conservancy, Ada, MI 49301, US, US (Residence),
US (Nationality), (Designated only for: US pmbrk=pmyes)
PARKER John P, 6188 Rogue River Meadows, Belmont, MI 49306, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
POPP Andrew J, 8366 Woodcrest, Rockford, MI 49341, US, US (Residence), US
(Nationality), (Designated only for: US pmbrk=pmyes)
SAVAGE Kelly K, 4188 104th Street S.W., Byron Center, MI 49315, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
VISSER Steven R, 2157 Okemos S.E., Grand Rapids, MI 49506, US, US
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)
ZEVALKINK Claire, 2900 Pioneer Club Road S.E., Grand Rapids, MI 49506, US
, US (Residence), US (Nationality), (Designated only for: US
pmbrk=pmyes)

Legal Representative:

REISTER Andrea G, Howrey Simon Arnold & White, LLP, 1299 Pennsylvania
Avenue N.W., Box 34, Washington, DC 20004-2402, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052552 A2 20000908 (WO 0052552)

Application: WO 2000US5074 20000229 (PCT/WO US0005074)

Priority Application: US 99122385 19990302; US 99126493 19990325; US
2000515860 20000229

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 56258

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... Inc., Cupertino, CA, environments.

Animated GIF

An animated GIF is a graphic image on a **Web** page that moves - for example, a twirling **icon** or a banner with a **hand** that **waves** or letters that get larger. In particular, an animated GIF is a file in the

...

8/3,K/16 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00554394 **Image available**

SYSTEM FOR DYNAMIC REGISTRATION, EVALUATION, AND CORRECTION OF FUNCTIONAL HUMAN BEHAVIOR

SYSTEME D'ENREGISTREMENT, D'EVALUATION, ET DE CORRECTION DYNAMIQUES DU COMPORTEMENT HUMAIN FONCTIONNEL

Patent Applicant/Assignee:

MOTEK MOTION TECHNOLOGY INC,

EVEN-ZOHAR Oshri,

Inventor(s):

EVEN-ZOHAR Oshri,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200017767 A1 20000330 (WO 0017767)

Application: WO 99US21246 19990922 (PCT/WO US9921246)

Priority Application: NL 1010150 19980922; EP 98204334 19981221; US

99116506 19990120

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ

BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12079

Main International Patent Class: **G06F-015/00**

Fulltext Availability:

Detailed Description

Detailed Description

... the MMC data set 100 recorded by the operator 120 allows real-time recording of **virtual** camera trajectories (eg: **simulation** rides) containing the **body motions** of the operator 120. These recorded perceived body motions can

1 9

then be programmed...

8/3,K/17 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00546726 **Image available**

COMPUTER ARCHITECTURE AND PROCESS FOR AUDIO CONFERENCING OVER LOCAL AND GLOBAL NETWORKS INCLUDING INTERNETS AND INTRANETS

ARCHITECTURE D'ORDINATEUR ET PROCEDE DE CONFERENCE AUDIO DANS DES RESEAUX

LOCAUX ET GLOBAUX Y COMPRIS DES RESEAUX INTERNET ET INTRANET

Patent Applicant/Assignee:

NET TALK INC,
TOVER Steven,
SHAPIRO Stanley,
JAFJE David,

Inventor(s):

TOVER Steven,
SHAPIRO Stanley,
JAFJE David,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200010099 A1 20000224 (WO 0010099)
Application: WO 99US18549 19990817 (PCT/WO US9918549)
Priority Application: US 9896865 19980817; US 99144729 19990720; US
99147382 19990806

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 16005

Main International Patent Class: G06F-017/00

Fulltext Availability:

Detailed Description

Detailed Description

... to four people participate
in real time audio chat, using lifelike animated
characters in a 3 - D environment.

Participants, for example, create their own chat
sessions and select from many avatars to simulate
human conversation, with moving lips, turning heads ,
gesticulating hands and moving feet. The 3 - D
environment features, for instance, speaker
identification tools to indicate who is speaking and
who is...

8/3,K/18 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00533624 **Image available**

METHOD AND DEVICE FOR STORING AND TRANSMITTING AVATAR INFORMATION FOR USE
IN A VIRTUAL ENVIRONMENT

PROCEDE ET DISPOSITIF PERMETTANT D'ENREGISTRER ET DE TRANSMETTRE DES
INFORMATIONS SUR LES AVATARS ET DESTINES A ETRE UTILISES DANS UN
ENVIRONNEMENT VIRTUEL

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ),

Inventor(s):

VIKTORSSON Per,
BORG Kjell,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9964976 A1 19991216
Application: WO 99SE870 19990521 (PCT/WO SE9900870)
Priority Application: SE 982001 19980605

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 1649

Main International Patent Class: **G06F-019/07**

Fulltext Availability:

Detailed Description

Detailed Description

... sent into the virtual world, when the
user controlling the avatar logs on to the **virtual** world.

Another example of an **avatar** is a "talking head", i.e. a three dimensional **representation** of a person's **head**, which can **move** its lips in synchronisation with speech. Talking heads can be used to create an illusion...

8/3,K/19 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00529115 **Image available**

DEVICE AND METHOD FOR RECORDING HAND-WRITTEN INFORMATION

DISPOSITIF ET PROCEDURE D'ENREGISTREMENT D'INFORMATIONS MANUSCRITES

Patent Applicant/Assignee:

C TECHNOLOGIES AB,
FAHRAEUS Christer,
HUGOSSON Ola,
ERICSON Petter,

Inventor(s):

FAHRAEUS Christer,
HUGOSSON Ola,
ERICSON Petter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9960467 A1 19991125

Application: WO 99SE717 19990430 (PCT/WO SE9900717)

Priority Application: SE 981535 19980430; US 9891323 19980630

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE

DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI

SK SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG

ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6505

Main International Patent Class: **G06F-003/033**

Fulltext Availability:

Detailed Description

Detailed Description

... moved.

Thus, the device carries out a digitisation of the hand movement so that a **computer** can process the information **represented** by the **hand movement**. In this context, it should be pointed out that the movement of the recording...

8/3,K/20 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00510302 **Image available**

BIOFEEDBACK APPARATUS

APPAREIL DE BIORETROACTION

Patent Applicant/Assignee:

GERO Jeffrey,

Inventor(s):

GERO Jeffrey,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9941654 A1 19990819

Application: WO 98US2635 19980213 (PCT/WO US9802635)

Priority Application: WO 98US2635 19980213

Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE

DK DK EE EE ES FI FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL

TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ

MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 2717

Main International Patent Class: G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... prestored audio visual sequences.

A mouse is a pointing device commonly used to navigate through

computer software . It is typically gripped by one of the user's

hands. As the

user **moves** his **hand** , the physical **motion** manipulates an **icon** on the

computer screen. The basic features of a mouse consists of a casing with a

flat bottom...

8/3,K/21 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00409284 **Image available**

VIRTUAL ENVIRONMENT INTERACTION AND NAVIGATION DEVICE

DISPOSITIF D'INTERACTION ET DE NAVIGATION DANS UN ENVIRONNEMENT VIRTUEL

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,

PHILIPS NORDEN AB,

Inventor(s):

GALLERY Richard David,

SHAH Jain Kumar,

HERON Dale Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9750029 A1 19971231

Application: WO 97IB410 19970416 (PCT/WO IB9700410)

Priority Application: GB 9613315 19960625

Designated States: JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 2575

Main International Patent Class: G06F-003/00

Fulltext Availability:

Detailed Description

Detailed Description

... physical movements or user inputs may be used as a trigger, with a generated or **modelled** sequence of **virtual body motions** being initiated - regardless of what motions the user may make whilst the sequence replays.

From...

8/3,K/22 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00401843 **Image available**

APPARATUS AND METHOD FOR MANAGING AND DISTRIBUTING DESIGN AND MANUFACTURING
INFORMATION THROUGHOUT A SHEET METAL PRODUCTION FACILITY
APPAREIL ET METHODE CORRESPONDANTE PERMETTANT DE GERER ET DE REPARTIR UNE
INFORMATION RELATIVE A LA CONCEPTION ET A LA FABRICATION DANS UNE
INSTALLATION DE PRODUCTION DE TOLES

Patent Applicant/Assignee:

AMADA METRECS CO LTD,
AMADASOFT AMERICA INC,

Inventor(s):

HAZAMA Kensuke,
HWANG Yearn-Tzuo,
SAKAI Satoshi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742587 A1 19971113

Application: WO 97US7472 19970506 (PCT/WO US9707472)

Priority Application: US 9616958 19960506; US 96690084 19960731

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 147831

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... for any Windows application. Most of the standard operations to view
the 2-D and 3 - D **models** (e.g., **zoom** 92, **rotate** 96, **pan** 100,
dimension 102, etc.) may be implemented as member functions of the bend
...

8/3,K/23 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00395482 **Image available**

OBJECT POSITION DETECTOR WITH EDGE MOTION FEATURE AND GESTURE RECOGNITION
DETECTEUR DE POSITION D'OBJET A FONCTIONS DE RECONNAISSANCE DE DEPLACEMENT
DES BORDS ET DE RECONNAISSANCE DES GESTES

Patent Applicant/Assignee:

SYNAPTICS INC,

Inventor(s):

GILLESPIE David W,
ALLEN Timothy P,
WOLF Ralph,
DAY Shawn,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9736225 A1 19971002

Application: WO 97US5333 19970326 (PCT/WO US9705333)

Priority Application: US 96623483 19960328

Designated States: CN JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

Publication Language: English

Fulltext Word Count: 30316

Main International Patent Class: G06F-003/033

Fulltext Availability:

Detailed Description

Detailed Description

... of FIGS. 15a through 15e, two signals are shown graphed against time;
one is the **analog** 'T' (**finger** pressure) **signal** , the other is the
digital "Ouf " (**virtual** button press) signal. The various relevant time
spans are shown with labels "'U" through "t21...

8/3,K/24 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00380423 **Image available**

**METHOD AND APPARATUS FOR CONTROLLING THE MOVEMENT OF A VIRTUAL BODY
PROCEDE ET APPAREIL DE COMMANDE DU DEPLACEMENT D'UN CORPS VIRTUEL**

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,

Inventor(s):

GALLERY Richard David,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9721166 A1 19970612

Application: WO 96IB1225 19961114 (PCT/WO IB9601225)

Priority Application: GB 9525047 19951207

Designated States: JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4417

Main International Patent Class: G06F-003/00

Fulltext Availability:

Detailed Description

Claims

English Abstract

...animated to follow physical movements of the user. Stores (30, 32) hold data defining the **virtual** environment as well as features of the **virtual body representation**, including sequences of **virtual body motions** (for example a walking sequence for the legs of the **virtual body**) which sequences are initiated in response to one or more predetermined physical movements by...

Detailed Description

... in a virtual environment, the apparatus comprising: a first data store, holding data defining the **virtual** environment; a second data store, holding data related to features of the **virtual body representation**, user **motion** detection means, and processing means arranged to generate a representation of the **virtual** environment based on data from the first data store, to generate the body representation within...device.

Figure 2 represents a first data processor arrangement for translation of direct measurement to **virtual body motion** ;

Figure 3 **represents** an alternative data processor arrangement for the translation of indirect measurement to **virtual body motion**; and

Figure 4 is an alternative configuration of foot axial motion measurement device...

Claim

... in a virtual environment, the apparatus comprising:
a first data store, holding data defining the **virtual** environment-,
a second data store, holding data related to features of the **virtual body representation** ;
user **motion** detection means; and
processing means arranged to generate a representation of the **virtual** environment based on data from the first data store, to generate the body representation within...

8/3,K/25 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00285439

AN AUDIO CONTROLLED COMPUTER-GENERATED VIRTUAL ENVIRONMENT

ENVIRONNEMENT VIRTUEL GENERE PAR ORDINATEUR ET A COMMANDE AUDIO

Patent Applicant/Assignee:

FAKESPACE INC,

Inventor(s):

BOLAS Mark,

McDOWALL Ian E,

BOLAS Michael N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9503588 A1 19950202

Application: WO 94US7612 19940712 (PCT/WO US9407612)

Priority Application: US 9391650 19930714

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 13510

Main International Patent Class: G06F-017/00

International Patent Class: G06F-17:50

Fulltext Availability:

Detailed Description

Detailed Description

... 250, and can also convert

other audio sources such as a live microphone 248.

The VR system receives three signals: a signal

261 representing head position and orientation from

the VR display 260 or other forms of area of interest

tracking information (such as that from...

8/3,K/26 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00143094

ITERATIVE SPLINE FUNCTION CONTROLLED POSITIONING MECHANISM

MECANISME DE POSITIONNEMENT COMMANDE PAR FONCTION SPLINE ITERATIVE

Patent Applicant/Assignee:

MTS SYSTEMS CORPORATION,

Inventor(s):

GUTMAN Yevsey,

LANGER William J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8707970 A1 19871230

Application: WO 87US1396 19870618 (PCT/WO US8701396)

Priority Application: US 86995 19860618

Designated States: AT BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 6930

Main International Patent Class: G06F-015/50

Fulltext Availability:

Detailed Description

Detailed Description

... computer 18 by a source such as terminal 20. In

response to the input data, computer 18 produces

position signals representative of a desired program

of movement of robot arm 12 on each of the N axes.

The position signals are representative of data

computed...

12/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07097827 **Image available**
BUSINESS MODEL BY MEDIATOR SYSTEM FOR ELECTRONIC COMMERCIAL TRANSACTION

PUB. NO.: 2001-325483 [JP 2001325483 A]
PUBLISHED: November 22, 2001 (20011122)
INVENTOR(s): YONEZAWA FUMIHIRO
APPLICANT(s): YONEZAWA FUMIHIRO
APPL. NO.: 2000-182250 [JP 2000182250]
FILED: May 15, 2000 (20000515)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To construct a mediating system for activating a transaction by pursuing the privacy protection and convenience of a general consumer in an electronic commercial transaction.

SOLUTION: The general consumer can perform the electronic commercial transaction without disclosing **personal** information every time from **plural sellers** contracting with a mediator through the **home page** of this mediator. Besides, when selling a price, the seller contracting with the mediator charges the price settlement to the mediator in the case of an order from the general consumer or access to a member site and the mediator is charged on conditions desired by the general consumer such as credit card settlement, **exchange** with payment at the time of delivery or bank transfer regardless of the settlement conditions of the seller and the mediator.

COPYRIGHT: (C)2001,JPO

12/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07055475 **Image available**
BUSINESS MODEL IN WHICH ELECTRONIC COMMERCIAL TRANSACTION OF ID NUMBER (AUTHENTICATION NUMBER) IS PERFORMED IN PREPAID SYSTEM AND INTERNATIONAL AND DOMESTIC COMMUNICATION SERVICE IS PROVIDED AND ENJOYED BY USING THE SAME PREPAID ID NUMBER AND PROVIDER PERFORM UNITARY **PLURAL** COMPOSITE CONTROL (PRODUCTION, INVENTORY, **SALES**, **CUSTOMER**, BUSINESS, TECHNIQUE, ACCOUNTING, FINANCIAL AFFAIR, AND MANAGEMENT)

PUB. NO.: 2001-283110 [JP 2001283110 A]
PUBLISHED: October 12, 2001 (20011012)
INVENTOR(s): ISHIMURA MASATO
MORI SHIGEYASU
APPLICANT(s): MORI SHIGEYASU
APPL. NO.: 2000-135267 [JP 2000135267]
FILED: March 31, 2000 (20000331)
INTL CLASS: G06F-017/60 ; H04M-015/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a management method from production to execution by displacing the format of an ID number (authentication number) for a speech procedure to be performed at the time of calling from a conventional one (international and domestic telephone prepaid card) to an electronic one (prepaid ID number).

SOLUTION: An ID number (authentication number) necessary at the time using a communication service (speech, Internet, electronic mail or the like) is allowed to newly exist as electronic amorphous merchandise (prepaid ID number). Then, all relations and processes concerned with the ID number are electronically performed by a technique integrated into a network. Thus,

the existing business model in which the commercial transaction and management of substantial merchandise (an international and domestic telephone prepaid card as a real object) is manually performed as a real action based on experiences can be substituted for a new business model in which the commercial transaction and management of the merchandise is electronically performed in a virtual space by a technique integrated into a network.

COPYRIGHT: (C)2001,JPO

12/5/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014348856 **Image available**

WPI Acc No: 2002-169559/200222

Integrated information exchange system capable of performing information exchange , profitable model and advertising method on web site

Patent Assignee: LEE H Y (LEE H-I)

Inventor: LEE H Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001090363	A	20011018	KR 200015260	A	20000325	200222 B

Priority Applications (No Type Date): KR 200015260 A 20000325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001090363	A	1	G06F-017/60	

KR 2001090363 A 1 G06F-017/60

Abstract (Basic): KR 2001090363 A

NOVELTY - An integrated information exchange system capable of performing information exchange , profitable models and advertising method on a web site is provided to increase the convenience of an information user by enabling the user to acquire object information and perform a free multi-communication with an information provider.

DETAILED DESCRIPTION - A real property transaction integrated system(101) is connected with each network(102A) of a plurality of real property object providers(102), each digital computer network(103B) of a plurality of information users (103) and a digital computer network(103B) of a plurality of advertisers(104) who display advertisements in the real property transaction integrated system(101). A digital information site(105) is visually displayed in the system(101). Digital information on real property objects, communication devices and so on are inserted into the digital information site(105). Information on the communication devices are connected with the digital computer network(104C) of the advertiser(104).

pp; 1 DwgNo 1/10

Title Terms: INTEGRATE; INFORMATION; EXCHANGE ; SYSTEM; CAPABLE;

PERFORMANCE; INFORMATION; EXCHANGE ; MODEL ; ADVERTISE; METHOD; WEB; SITE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014241462 **Image available**

WPI Acc No: 2002-062162/200208

XRPX Acc No: N02-046138

Managing transaction profiles submitted by market parties through

communication network by using at least one transaction profile of group that indicates different market party commitment level than another transaction profile

Patent Assignee: VERT TECH LLC (VERT-N)

Inventor: GAL A; SCHREIBER M Z

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200184449	A1	20011108	WO 2001US14306	A	20010503	200208 B
AU 200159430	A	20011112	AU 200159430	A	20010503	200222

Priority Applications (No Type Date): US 2000564164 A 20000503

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200184449	A1	E	68	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200159430	A			G06F-017/60	Based on patent WO 200184449
--------------	---	--	--	-------------	------------------------------

Abstract (Basic): WO 200184449 A1

NOVELTY - A number of transaction profiles (TP) is received from a number of **market** parties (MP) through a communication network including a limitation to a suggested transaction. A group of TP is identified meeting the limitation of each other transaction profile of the group. At least one TP of the group indicates a **different market party** commitment level than another TP of the group.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a transaction server

(b) a **graphical** user **interface** providing a communication interface between a **market** party and a transaction server

USE - For managing transaction profiles submitted by **market** parties through a communication network.

ADVANTAGE - The **market parties** may submit transaction profiles **representing different** intended levels of commitment of the **market** parties. Allows the **market parties** to view **market** trends, receive information about potential **trading** parties and enter into transaction agreements through the system.

DESCRIPTION OF DRAWING(S) - The drawing is a flowchart of a method of managing transactions in accordance with the exemplary embodiment of the present invention.

pp; 68 DwgNo 10/12

Title Terms: MANAGE; TRANSACTION; PROFILE; SUBMIT; **MARKET** ; PARTY; THROUGH ; COMMUNICATE; NETWORK; ONE; TRANSACTION; PROFILE; GROUP; INDICATE;

MARKET ; PARTY; LEVEL; TRANSACTION; PROFILE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014240963 **Image available**

WPI Acc No: 2002-061663/200208

XRPX Acc No: N02-045770

Electronic market place for auctioning non-exclusive rights in intangible property e.g. copy rights to display digital image, by using demand-based pricing to establish true market value of image

Patent Assignee: HERNDON C (HERN-I); HERNDON R (HERN-I); NAYLOR R (NAYL-I); ROOM D (ROOM-I); YEAGER E (YEAG-I)

Inventor: HERNDON C; HERNDON R; NAYLOR R; ROOM D; YEAGER E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010049648	A1	20011206	US 2000182533	A	20000215	200208 B
			US 2000209589	A	20000606	
			US 2001782277	A	20010214	

Priority Applications (No Type Date): US 2001782277 A 20010214; US 2000182533 P 20000215; US 2000209589 P 20000606

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010049648	A1	39	G06F-017/60	Provisional application US 2000182533

Provisional application US 2000209589

Abstract (Basic): US 20010049648 A1

NOVELTY - A version of digital images is transmitted to **bidders**, offering for **sale** one category of non-exclusive rights (512) **representing** a scope of use of the image. **Several** bids are received from prospective **buyers** for the **display** rights from which a prospective buyer is determine by calculating a maximum revenue from selling to one or more of the **bidders** at the bid price offered by the lowest of one of the buyers.

DETAILED DESCRIPTION - If revenue is maximized by offering the right on an exclusive basis, then the right is sold exclusively to the highest **bidder**. If on the other hand the revenue is maximized by selling the right to **multiple bidders** on a non-exclusive basis, then the right is sold to **multiple bidders**. combination of exclusive and non-exclusive rights may be offered for **auction** and they are bid for by various parties. Comparing A winning bid for selling the **display** right on an exclusive basis with a total amount of revenue to be received by selling the **display** right on a non-exclusive basis at the bid price offered by the lowest of the successful bids.

An INDEPENDENT CLAIM is included for a computer for selling **display** rights in digital image.

USE - For **auctioning** non-exclusive rights in intangible property such as copyrights, trademarks, **display** rights in a digital image and patents to consumers.

ADVANTAGE - An intangible right associated with a copyright, trademark or patent is **auctioned** off in a manner that maximizes revenue to the owner.

DESCRIPTION OF DRAWING(S) - The diagram is a flow chart that shows steps executed to sell a digital image.

Display rights to be **auctioned** (512)
pp; 39 DwgNo 25/25

Title Terms: ELECTRONIC; **MARKET**; PLACE; NON; EXCLUDE; PROPERTIES; COPY; **DISPLAY**; DIGITAL; IMAGE; DEMAND; BASED; PRICE; ESTABLISH; TRUE; **MARKET**; VALUE; IMAGE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

12/5/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014214090 **Image available**

WPI Acc No: 2002-034788/200204

XRPX Acc No: N02-026738

Managing Internet transaction profiles by determining limitations and market party commitment levels of group

Patent Assignee: VERT TECH LLC (VERT-N)

Inventor: GAL A; SCHRIEBER Z M

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
-----------	------	------	-------------	------	------	------

WO 200188821 A1 20011122 WO 2001US16166 A 20010518 200204 B
AU 200164684 A 20011126 AU 200164684 A 20010518 200222

Priority Applications (No Type Date): US 2000573711 A 20000518

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200188821 A1 E 67 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200164684 A G06F-017/60 Based on patent WO 200188821

Abstract (Basic): WO 200188821 A1

NOVELTY - Method consists in receiving transaction profiles from parties via the Internet, each profile having limitations to the suggested transaction such as a date or credit rating, and identifying a group of profiles with a different commitment level. Limitations are the additional transaction attribute of a price or quantity or quality indicator, or a **market** party identifier.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for;

(1) a transaction server;

(2) a **graphical** user **interface** .

USE - Method is for Internet transactions.

ADVANTAGE - Method enables **parties** to submit transaction profiles **representing different** intended levels of commitment.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a transaction management system.

pp; 67 DwgNo 1/11

Title Terms: MANAGE; TRANSACTION; PROFILE; DETERMINE; LIMIT; **MARKET** ;
PARTY; LEVEL; GROUP

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

12/5/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014176695 **Image available**

WPI Acc No: 2001-660923/200176

System for internet auction agency

Patent Assignee: TRONAGE INC (TRON-N)

Inventor: SUNG S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001063040	A	20010709	KR 9959888	A	19991221	200176 B

Priority Applications (No Type Date): KR 9959888 A 19991221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001063040 A 1 G06F-017/60

Abstract (Basic): KR 2001063040 A

NOVELTY - The system for the Internet **auction** agency is provided to notify the bid result to a user through an e-mail as well as to automatically execute the **auction** for the user up-to the bid limits in the web server of the **auction** agency based on the relevant data of a DB.

DETAILED DESCRIPTION - **Many** **client** PCs(10) connects to the specified **auction** **web** **site** (40), receives the information data of each item from the **auction** **web** **site** , **displays** the information data on a screen for the check of the user, and outputs to the **auction**

web site the bid price data which the user inputs in order to purchase the desired item. Also, the client PCs connects to the web server of the auction agency(30) and outputs to the web server of the auction agency the data for the auction agency, such as the URL(Universal Resource Locator) of the relevant auction web site , user ID and password, model name or code of the item, bid limits, e-mail address of the user, and so on. A communication network(20) connects a communication line between many client PCs and the web server of the auction agency and many auction web sites , and fulfills the data communication according to the auction agency of each user. The web server of the auction agency receives the data for the auction agency from the user, makes a DB out of the data, connects to the relevant auction web site , automatically execute the auction for the user up-to the bid limits, and notifies the bid result to the user through e-mail. Many auction web sites offer the information of each item to the web and sell the item to the user who bids in the highest price.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; AUCTION ; AGENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014172830 **Image available**

WPI Acc No: 2001-657058/200175

XRFX Acc No: N01-489772

Trading simulator displays buying and selling trader metaphors in different segments and quote board for different markets

Patent Assignee: PROJECT B LLC (PROJ-N)

Inventor: BORCHEW M ; HAUKE E C

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175731	A1	20011011	WO 2001US10267	A	20010330	200175 B
AU 200151143	A	20011015	AU 200151143	A	20010330	200209

Priority Applications (No Type Date): US 2000540601 A 20000331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200175731 A1 E 38 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200151143 A G06F-017/60 Based on patent WO 200175731

Abstract (Basic): WO 200175731 A1

NOVELTY - Buying trader is represented by human figure with a hand up facing in, seller with a hand up facing away, size indicating the trader with the highest bid price or lowest offer price and the figures being arranged in rows with different colors. Audio volume changes according to number of buying or selling traders and volume of trading .

DETAILED DESCRIPTION - Simulator comprises a data coder-decoder connected to a graphic interface displaying buying and selling trader metaphors and to a control interface initiating orders and to a data interface displaying the data.

There is an INDEPENDENT CLAIM for a method of trading using a trading simulator .

USE - Simulator is for real-time simulation of the trading

action of **traders** in a financial **market** .

ADVANTAGE - **Simulator** enables **traders** from anywhere in the world to be linked to an **exchange** and **represents** them graphically as **virtual** pit participants.

DESCRIPTION OF DRAWING(S) - The figure shows a **virtual** trading floor system.

pp; 38 DwgNo 1/9

Title Terms: **TRADE ; SIMULATE ; DISPLAY ; BUY; SELL; SEGMENT; BOARD;**

MARKET

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

12/5/9 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014117972 **Image available**

WPI Acc No: 2001-602184/200168

XRPX Acc No: N01-449364

Points totaling system for electronic program guide, allocates different points to services selectable by user

Patent Assignee: ADC TECHNOLOGY YG (ADCT-N); ADC TECHNOLOGY INC (ADCT-N)

Inventor: MIZUGUCHI K

Number of Countries: 022 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200111885	A1	20010215	WO 2000JP5099	A	20000731	200168 B
JP 2001111984	A	20010420	JP 99326780	A	19991117	200168

Priority Applications (No Type Date): JP 99326780 A 19991117; JP 99219852 A 19990803

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200111885	A1	J	61	H04N-007/173	
--------------	----	---	----	--------------	--

Designated States (National): CA KR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

JP 2001111984	A		22	H04N-007/173	
---------------	---	--	----	--------------	--

Abstract (Basic): WO 200111885 A1

NOVELTY - Pressing an EPG key on a remote control outputs EPG-related information accumulated in a RAM to an image **display** unit (2). The EPG (50) is displayed on the upper 4/5 portion of the screen of the image **display** unit, with service information displayed in a column (60) on the remaining 1/5 portion. The column **displays** a questionnaire, a commercial, a commodity **sale** , and a retrieval service, and when a user selects a service they can obtain corresponding points.

USE - Points totaling system for electronic program guide.

ADVANTAGE - Provides a variety of services by using an electronic program guide, and encourages their usage.

DESCRIPTION OF DRAWING(S) - The figure is a **representation** of an EPG **display** as used in the points totaling system of the invention.

display unit (2)

EPG (50)

column (60)

pp; 61 DwgNo 4/9

Title Terms: **POINT; SYSTEM; ELECTRONIC; PROGRAM; GUIDE; ALLOCATE; POINT;**

SERVICE; SELECT; USER

Derwent Class: T01; T05; W02; W03

International Patent Class (Main): H04N-007/173

International Patent Class (Additional): **G06F-017/60 ; H04N-005/44;**

H04N-007/025; H04N-007/03; H04N-007/035; H04N-007/16

File Segment: EPI

12/5/10 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014088481 **Image available**
WPI Acc No: 2001-572695/200165
XRPX Acc No: N01-426937

Website system for e-shops involves webpages which display large graphic images of shops and signposts to direct users to other pages or websites

Patent Assignee: ETERA CORP (ETER-N)
Inventor: LOEB C F
Number of Countries: 027 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1132843	A1	20010912	EP 2001200900	A	20010309	200165 B
CA 2336576	A1	20010909	CA 2336576	A	20010214	200167

Priority Applications (No Type Date): US 2000522225 A 20000309

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1132843	A1	E	17	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
CA 2336576	A1	E		H04L-012/16	

Abstract (Basic): EP 1132843 A1

NOVELTY - Webpages show images of different departments of shop (20) and signposts (22) which direct the user to webpages representing different departments or websites representing different retailers. Webpage for department shows images of the articles for sale and has detailed descriptions at the side of the page.

DETAILED DESCRIPTION - The system may be used to sell plants in which case the user is asked to input his geographic area so that he will only be offered plants suitable for that area. INDEPENDENT CLAIMS are included for:

1. The method of seeing items using the described system.
2. A network of retailer's websites using the described webpage system .
3. The method of providing individual retailers websites using the described system.

USE - As a method of selling using the Internet (claimed).

ADVANTAGE - Provides user with website environment which is easy to navigate.

DESCRIPTION OF DRAWING(S) - The drawing shows a typical webpage using the described system.

Image of shop (20)

Signpost (22)

pp; 17 DwgNo 2/6

Title Terms: SYSTEM; SHOP; DISPLAY ; GRAPHIC; IMAGE; SHOP; SIGN; DIRECT; USER; PAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/60 ; H04L-012/16

File Segment: EPI

12/5/11 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014086367 **Image available**
WPI Acc No: 2001-570581/200164
XRPX Acc No: N01-425230

Localized electronic commerce centralization for providing online virtual city service, involves creating virtual representation of

stores, allowing users to place purchased items into single virtual shopping cart

Patent Assignee: VIRTUACITIES INC (VIRT-N)

Inventor: FERREIRA J P S

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200161539	A2	20010823	WO 2001US4769	A	20010214	200164 B
US 20010034661	A1	20011025	US 2000182282	A	20000214	200170
			US 2001783448	A	20010214	
AU 200141489	A	20010827	AU 200141489	A	20010214	200176

Priority Applications (No Type Date): US 2000182282 P 20000214; US 2001783448 A 20010214

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200161539 A2 E 69 G06F-017/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20010034661 A1 G06F-017/60 Provisional application US 2000182282

AU 200141489 A G06F-017/00 Based on patent WO 200161539

Abstract (Basic): WO 200161539 A2

NOVELTY - A **virtual representation** of stores is created in the interface in which local merchants are allowed to sell items. The user is allowed to place the purchased **sales** item into a single **virtual** shopping cart. The payment for the items in the shopping cart is processed using the **virtual** city application.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) System for centralizing localized e-commerce;
- (b) Method for providing interactive **virtual representation** to the user;
- (c) System for providing interactive **virtual representation** to the user;
- (d) Method for using linear programming code to provide automated services

USE - For providing on-line **virtual** city services, one-stop shopping services.

ADVANTAGE - One-stop shopping is efficiently provided to the users without requiring the **users** to enter **personal** information **multiple** items. Provides **virtual** community that provides sense of realism and immerses users in an on-line environment.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of image capturing system and flowchart involved in making images available to the **virtual** city application.

pp; 69 DwgNo 1A, 1B/18

Title Terms: ELECTRONIC; **VIRTUAL** ; CITY; SERVICE; **VIRTUAL** ; **REPRESENT** ; STORAGE; ALLOW; USER; PLACE; PURCHASE; ITEM; SINGLE; **VIRTUAL** ; SHOPPING; CART

Derwent Class: T01

International Patent Class (Main): G06F-017/00; **G06F-017/60**

File Segment: EPI

12/5/12 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014080366 **Image available**

WPI Acc No: 2001-564580/200163

XRPX Acc No: N01-420273

User reaction predicting method for computer based marketing, involves selecting set of mentors from users and objective archetypes and pairing the users with mentors for predicting the not rated item rating

Patent Assignee: GREENING D R (GREE-I); HEY J B (HEYJ-I)

Inventor: GREENING D R; HEY J B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010013009	A1	20010809	US 9747220	A	19970520	200163 B
			US 9881264	A	19980519	

Priority Applications (No Type Date): US 9747220 P 19970520; US 9881264 A 19980519

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010013009	A1	22	G06F-017/60	Provisional application US 9747220

Abstract (Basic): US 20010013009 A1

NOVELTY - A rating **representing** the user reaction to the item, **several** objective archetypes (104), **representing** hypothetical user and associated item and rating **representing** hypothesized reaction are defined. A set of mentors (120) from the user group and from **several** objective archetypes is selected, based on similarity of rating of each user in group and each objective archetype. Each mentor is paired successively with selected user and similarity function **representing** overall pair rating agreement is computed. The selected user rating for not rated items is predicted from similarity functions and mentor ratings of item.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for user's reaction predicting system.

USE - For computer based marketing of items such as movies, books, music, games, food, groceries, special interest clubs, chat groups, online forums, **web sites** and advertising.

ADVANTAGE - Archetype recommendation provides ability to predict user's response to new items and recommend new items to a user efficiently and accurately. Objective archetype rates all items satisfying best rating criterion.

DESCRIPTION OF DRAWING(S) - The figure shows flow diagram of logical architecture of system and method for recommending items.

Objective archetypes (104)

Mentors (120)

pp; 22 DwgNo 1/12

Title Terms: USER; REACT; PREDICT; METHOD; COMPUTER; BASED; **MARKET** ;

SELECT; SET; USER; OBJECTIVE; PAIR; USER; PREDICT; RATE; ITEM; RATING

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

12/5/13 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014006815

WPI Acc No: 2001-491029/200154

XRPX Acc No: N01-363459

Personalized on-line shopping management method for electronic commerce, involves separating registered icon from image displaying selected icon for each user

Patent Assignee: FUJITSU LTD (FUJIT)

Inventor: MURAKAMI K; NISHIYAMA S

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2358497	A	20010725	GB 200018744	A	20000731	200154 B
JP 2001195495	A	20010719	JP 200092907	A	20000330	200156

Priority Applications (No Type Date): JP 200092907 A 20000330; JP 99302689
A 19991025

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2358497	A		83	G06F-017/30	
JP 2001195495	A		33	G06F-017/60	

Abstract (Basic): GB 2358497 A

NOVELTY - A user is identified and registered **icon** which indicates information on goods or services is separated from an image including animation, sound or letters. The link between **icons** registered by different registrants is managed and the **icon** are dynamically registered or deleted for each user. The user selects an **icon**, so that the selected **icon** is displayed for each user in an individual on-line shopping environment.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Individual on-line shopping environment generation method;
- (b) Computer readable recording medium;
- (c) Individual on-line shopping constructing apparatus;
- (d) **Icon** operating method;
- (e) **Icon** operating apparatus;
- (f) Computer program

USE - For electronic commerce such as on-line shopping, also for electronic chatting, electronic bulletin board, etc.

ADVANTAGE - Since the **icon** which **represents** information on goods or services can be registered or deleted based on user, on-line shopping is performed efficiently by organizing only information on good or services required for a user. Since user can update the information on goods or services with respect to an **icon** registered by another user, the quality and quantity of information distributed by an **icon** is enhanced. A link between different registrants is provided so that overlapping of information is prevented, and **exchange** of information between **different** registrants is promoted. The **user** can grasp and alter delivery status of goods purchased in the on-line shopping. Hence the delivery date and time of the goods can be obtained without negotiating directly with a home delivery person.

pp; 83 DwgNo 0/26

Title Terms: LINE; SHOPPING; MANAGEMENT; METHOD; ELECTRONIC; SEPARATE;
REGISTER; IMAGE; **DISPLAY**; SELECT; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/30; **G06F-017/60**

International Patent Class (Additional): G06F-003/00; G06F-013/00

File Segment: EPI

12/5/14 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013956895 **Image available**

WPI Acc No: 2001-441109/200147

XRPX Acc No: N01-326345

Transactional information displaying method for electronic trading of semi-fungible goods, involves displaying several book axes in single window to represent orders placed for respective semi-fungible goods

Patent Assignee: EPIT INC (EPIT-N)

Inventor: FRIESEN R W; KLIZAS M C

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116852	A2	20010308	WO 2000US40797	A	20000830	200147 B
AU 200112500	A	20010326	AU 200112500	A	20000830	200147

Priority Applications (No Type Date): US 99151468 P 19990830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200116852	A2 E		53	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH
CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200112500 A G06F-017/60 Based on patent WO 200116852

Abstract (Basic): WO 200116852 A2

NOVELTY - A graphical user interface (1200) displays separate book axes (1208) to represent orders placed for respective semi-fungible goods in same window (1204). Order icons (1220) are displayed along the book axes to represent bid and offer for the semi-fungible goods.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) user interface;
- (b) Computer readable medium;
- (c) Buying method of semi-fungible goods

USE - For electronic trading of semi-fungible goods in stock market .

ADVANTAGE - Since the user interface displays information about several semi-fungible goods on a single screen, a trader is allowed to view markets for the different semi-fungible goods simultaneously. Thereby trading decisions can be made quickly and efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the screen shot of the user interface for trading semi-fungible goods.

Graphical user interface (1200)

Window (1204)

Book axes (1208)

Order icons (1220)

pp; 53 DwgNo 12/15

Title Terms: INFORMATION; DISPLAY ; METHOD; ELECTRONIC; TRADE ; SEMI;
FUNGIBLE; GOODS; DISPLAY ; BOOK; AXIS; SINGLE; WINDOW; REPRESENT ;
ORDER; PLACE; RESPECTIVE; SEMI; FUNGIBLE; GOODS

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013948203 **Image available**

WPI Acc No: 2001-432417/200146

XRPX Acc No: N01-320477

Interactive computer implemented system for modifying financial investment program, has optimizer subsystem to analyze data in profiler service and financial advisor service to create proposed investment program

Patent Assignee: ELECTRONIC MARKET CENT INC (ELMA-N)

Inventor: SALTZMAN B; SALTZMAN M J; VON KLEEK S A

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122341	A1	20010329	WO 2000US40922	A	20000918	200146 B
AU 200112534	A	20010424	AU 200112534	A	20000918	200147

Priority Applications (No Type Date): US 99155483 P 19990923

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200122341 A1 E 24 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200112534 A G06F-017/60 Based on patent WO 200122341

Abstract (Basic): WO 200122341 A1

NOVELTY - Data input by customer are collected by a profiler service (22). An optimizer subsystem (26) analyzes the data in profiler service and financial advisor service (1), to create proposed investment program. The interaction is managed by a contract management service (30). Payments are received based on a devised financial program through funds transfer service (10).

DETAILED DESCRIPTION - A financial advisor service (1) comprises of electronic database containing data regarding the investment characteristics, parameters of professional investment manager, and **several** investment products. A **customer** communicates with investor or advisor using public and private networks through an electronic network and delivery service (2) which has appropriate **display** and data **representation**. A profiler service (22) comprises of electronic database and applications necessary for interacting and collecting data relative to investment objectives of customer. A proposed investment program is created by an optimizer subsystem (26) comprising data repositories containing application software for retrieving, analyzing and matching the data in profiler service and financial advisor service. A policy generator subsystem (28) and a policy management subsystem have applications, database repositories and rules necessary to generate investment policies and manage such policies in an automated fashion. Interaction, negotiation, automated tracking and retention of all investment policies are managed by a contract management service (30) which allows verifiable checking and non-repudiation of all interactions with system. Business rules and multifaceted set of generic translation technologies for translating from one to another using variety of transport mechanisms, are maintained by a translation subsystem (36). A record keeping system (38) comprises of applications, database, repositories, rules and electronic data feeds necessary to accurately track individual investments in a completely automated manner. A funds transfer service for the customer to initiate, implement, pay and receive payments from a devised financial program, along with the administrative functions necessary to ensure timely processing of such transactions, is provided. Automatic verification of proper purchase and allocation of securities to be included in the financial investment program selected by the customer, are implemented by a **trading** subsystem (34). Post investment knowledge of the status of the acquired investment program is provided by a performance subsystem (42). Integrity of the system is insured to prevent improper disclosure by a security subsystem (44). INDEPENDENT CLAIMS are also included for the following:

- (a) Financial investment program creation and modification method;
- (b) Automated system for financial transaction

USE - For creating, acquiring and monitoring portfolios of financial investments over a distributed computer network such as Internet.

ADVANTAGE - The customer obtains a cohesive, inclusive and multifaceted investment plan from a number of professional expert investment managers. The investor is allowed to monitor and update the chosen investment program in real-time.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of interactive computer implemented system.

Financial advisor service (1)
Delivery service (2)
Profiler service (22)
Optimizer subsystem (26)
Policy generator subsystem (28)
Contract management service (30)
Trading system (34)
Translation subsystem (36)
Record keeping system (38)
Performance subsystem (42)

Security subsystem (44)
pp; 24 DwgNo 1/1
Title Terms: INTERACT; COMPUTER; IMPLEMENT; SYSTEM; MODIFIED; FINANCIAL;
INVESTMENT; PROGRAM; SUBSYSTEM; DATA; PROFILE; SERVICE; FINANCIAL;
SERVICE; PROPOSED; INVESTMENT; PROGRAM
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

12/5/16 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013831614 **Image available**
WPI Acc No: 2001-315826/200133
XRPX Acc No: N01-227026

Financial data processing system for securities or commodities for traders , involves integrating order information into single order book and distributing and displaying combined order book to traders

Patent Assignee: LAVA TRADING LLC (LAVA-N); LAVA TRADING INC (LAVA-N)

Inventor: CHUTJIAN K P; KORHAMMER R A; RAFIEYAN K L

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063814	A1	20001026	WO 2000US10803	A	20000420	200133 B
AU 200044803	A	20001102	AU 200044803	A	20000420	200133
US 6278982	B1	20010821	US 99296096	A	19990421	200150

Priority Applications (No Type Date): US 99296096 A 19990421

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200063814	A1	E	29	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200044803	A		G06F-017/60	Based on patent WO 200063814
--------------	---	--	-------------	------------------------------

US 6278982	B1		G06F-017/60
------------	----	--	-------------

Abstract (Basic): WO 200063814 A1

NOVELTY - A data communication unit receives order information from each participating alternate **trading** system. A converter converts the protocol of each communication unit, to a common system protocol. An integrator integrates the order information from each alternative **trading** system into a single order book and distributes the combined order book to **traders** , which is then displayed.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for financial data processing method.

USE - For computer accessible **trading** system for **trading** and analyzing securities such as **stocks** , bonds, commodities, etc., and for integrating securities, **trading** information and order placement from electronic communication network (ECN) with other electronic **exchanges** .

ADVANTAGE - The combined order information is displayed to customer in real time for selected security separately for bids and offers. Thus order information is sorted by price, placement time, volume and other available attributes as desired by **customer** . Enables placing orders from **several** participating electronic communication networks and electronic **exchanges** using single computer.

DESCRIPTION OF DRAWING(S) - The figure shows the diagrammatical **representation** of financial data processing system.

pp; 29 DwgNo 2/9

Title Terms: FINANCIAL; DATA; PROCESS; SYSTEM; SECURE; COMMODITY; INTEGRATE
; ORDER; INFORMATION; SINGLE; ORDER; BOOK; DISTRIBUTE; **DISPLAY** ;

COMBINATION; ORDER; BOOK
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

12/5/17 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013696827 **Image available**
WPI Acc No: 2001-181051/200118
Related WPI Acc No: 1999-610420; 2000-375012; 2000-375312
XRPX Acc No: N01-128992

Executing commercial transactions in a network system using visual link objects, involves using visual link objects to represent business transaction offered by vendor system to potential buyers through distributor

Patent Assignee: QUICKBUY INC (QUIC-N)
Inventor: KNOWLTON K C; MILIEFSKY G S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6141006	A	20001031	US 99248563	A	19990211	200118 B
			US 2000478449	A	20000105	

Priority Applications (No Type Date): US 99248563 A 19990211; US 2000478449 A 20000105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6141006	A	45	G06F-017/60	Cont of application US 99248563 Cont of patent US 6061057

Abstract (Basic): US 6141006 A

NOVELTY - The method involves creating a visual link object (VLO), **representing** a business transaction, in a vendor system and communicating the VLO to a distributor system (30B) through the Internet. The distributor system presents the VLO to potential buyers and communicates with the buyer system (32). The buyer system accesses the contents of the VLO to recover data relating to the business transaction.

DETAILED DESCRIPTION - The VLO is a self-contained entity including a displayable image, an appendix and a postscript. The displayable image is arranged at the start of the VLO, and **represents** the business transaction. The appendix follows the **display** image and contains information relating to the business transaction including an encoded data block. The business transaction can be completed by a buyer independently of the vendor system. The postscript is near the end of the VLO, and contains data relating to the VLO. The vendor system, distributor system and buyer system are all connected through the Internet.

USE - Used in executing Internet-based electronic commerce business transactions or buying and selling products and services between **several users** and systems.

ADVANTAGE - Can be implemented as data broadcast system for selectively broadcasting data from a server system to a subscription user of a buyer system. Can be implemented in a system for distributing **graphical user interface (GUI)** definitions for customizing application programs from server system to buyer system. Allows buyer to make purchasing decisions based on total cost of transaction and to make adjustments and decisions as necessary. Prevents fraud or gaining of unauthorized access to buyer data through use of counterfeited or improperly altered VLO. Enhances seller's ability to create and update catalogue, **display** or listing of items offered for **sale**. Allows proactive marketing and advertisement of goods.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram of a system utilizing the VLO for execution of business transactions.

Distributor system (30B)
Buyer system (32)
pp; 45 DwgNo 4/11
Title Terms: EXECUTE; COMMERCIAL; TRANSACTION; NETWORK; SYSTEM; VISUAL;
LINK; OBJECT; VISUAL; LINK; OBJECT; **REPRESENT** ; BUSINESS; TRANSACTION;
OFFER; VENDING; SYSTEM; POTENTIAL; BUY; THROUGH; DISTRIBUTE
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

12/5/18 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013522382 **Image available**
WPI Acc No: 2001-006588/200101
XRPX Acc No: N01-004739

Global synchronization unit for time and space stamping of input data elements, connects input data element with time and space stamp data element to produce time and space stamped input data

Patent Assignee: REVEO INC (REVE-N); FARIS S M (FARI-I); FLANNERY J P (FLAN-I); HAMLIN G J (HAML-I)

Inventor: FARIS S M; FLANNERY J P; HAMLIN G J

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200050974	A2	20000831	WO 2000US5093	A	20000228	200101 B
AU 200037102	A	20000914	AU 200037102	A	20000228	200101
US 20020026321	A1	20020228	US 99258573	A	19990226	200220

Priority Applications (No Type Date): US 2000258573 A 20000225; US 99258573 A 19990226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200050974	A2	E	340	G06F-000/00	
--------------	----	---	-----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200037102	A			G06F-000/00	Based on patent WO 200050974
--------------	---	--	--	-------------	------------------------------

US 20020026321	A1			G06F-017/60	
----------------	----	--	--	-------------	--

Abstract (Basic): WO 200050974 A2

NOVELTY - GPS receiver (170) automatically produces time and space (TS) stamp data element at each data sampling instant, on reception of GPS signals. Data elements **represent** TS coordinates of the global synchronization unit (GSU) with respect to global reference system. Input data element is added with TS element at each data sampling element so as to produce TS stamp input data element, which is stored in memory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) internet based system;
- (b) TV based client machine;
- (c) method of registering contestant with internet based contest supporting system;
- (d) system for promoting and presenting web documents;
- (e) method of handling communication in multiplayer contest using multiple game servers;
- (f) method of enabling contestant to compete against **many** other **clients** ;
- (g) method of downloading encrypted query and start time to client machine;
- (h) method of characterizing the local clock on client machine and

synchronizing the **display** update cycle;

- (i) method of presenting encrypted query to GSU enabled client machine;
- (j) method of submitting time stamped contestant response to query presented to GSU enabled client machine;
- (k) method of promoting contest over internet;
- (l) method of synchronizing events in client machines;
- (m) method of triggering event on client machine;
- (n) system for performing an action on client machine;
- (o) sub-system for creating and administering contests promoted by contest promoting system;
- (p) set-top TV client machine;
- (q) internet based method for enabling **bidders** ;
- (r) internet based system for enabling **bidders** to compete in **bidding** ;
- (s) internet based method for enabling **traders** to compete fairly in **trading** ;
- (t) system and method of serving and receiving information over internet;
- (u) system and method for electronically filing legal documents;
- (v) system and method for receiving information from securities;
- (w) system and method for electronic based on-line securities **trading** ;
- (x) internet based method of securing computers communication network;
- (y) internet based system for displaying information clues or instruction at particular instances along space time column;
- (z) internet based system for collecting space time coordination of athlete or animal at particular instances along space time continuum;
- (aa) internet based method and system for enabling operation of set top cable TV boxes;
- (bb) internet based method and system for enabling/controlling the operation of portable host system;
- (cc) internet based system for tracking an object;
- (dd) internet based system for enabling operation of transportable digital media

USE - For time and space stamping of input data elements used in client-server type interworked computer systems like internet used for contest promotion, financial **trading** and **auction** supporting.

ADVANTAGE - Serving and receiving information over internet in connection with time constrained competitive processes, avoids problems of network latency and ensures microsecond accuracy.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of internet based system.

GPS receiver (170)

pp; 340 DwgNo 1/29

Title Terms: GLOBE; UNIT; TIME; SPACE; STAMP; INPUT; DATA; ELEMENT; CONNECT ; INPUT; DATA; ELEMENT; TIME; SPACE; STAMP; DATA; ELEMENT; PRODUCE; TIME; SPACE; STAMP; INPUT; DATA

Derwent Class: T01

International Patent Class (Main): G06F-000/00; **G06F-017/60**

File Segment: EPI

12/5/19 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012934090 **Image available**

WPI Acc No: 2000-105937/200009

Related WPI Acc No: 1998-465331

XRPX Acc No: N00-081349

Contact intelligence data mining system for detecting contact pathway for access to public database

Patent Assignee: BOARDWALK AG (BOAR-N)

Inventor: BRUDERER O; DE L'ETRAZ P; FEES C M; FEES J R; HATCHER P

Number of Countries: 086 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9964970	A1	19991216	WO 99IB1090	A	19990611	200009 B
AU 9939515	A	19991230	AU 9939515	A	19990611	200022
EP 1086435	A1	20010328	EP 99922449	A	19990611	200118
			WO 99IB1090	A	19990611	

Priority Applications (No Type Date): US 99245759 A 19990208; NL 981009376 A 19980611

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9964970	A1	E	85	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9939515	A			G06F-017/60	Based on patent WO 9964970
EP 1086435	A1	E		G06F-017/60	Based on patent WO 9964970
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					

Abstract (Basic): WO 9964970 A1

NOVELTY - The public databases (102a-102c) containing data on members of various entities and private contact database (104c) containing data on personal contacts of user are accessed according to request from user through **GUI**. The accessed data are processed to generate contact pathway. The contact pathway that includes user's personal contacts and influence of **user** contacts among **plural** entities is displayed.

DETAILED DESCRIPTION - The data in the public database is multinational data on members of board of directors of companies. INDEPENDENT CLAIMS are also included for the following:

- (a) contact intelligence data mining tool populating method;
- (b) disk for storing contact intelligence data mining tool populating software

USE - For generating contact pathway for access of public database like university alumni club, political party organization, **trade** group, social club, military branch, member of legislature, company board of director.

ADVANTAGE - Enables user to establish and present their contacts by presenting mixture of both public and private data. Facilitates **display** of contact pathway to enable user to reach desired contacts. Establishes relationship for contacts using public information. Enables access of different spheres of influences for different purposes by using public databases in single or in joint. Facilitates updating of private contact databases reliably. Facilitates protection of each individual's private data by providing various level of securities. Enables establishment of private link between persons or organizations within public database based on proprietary information. Enables generation of contact pathway which is graphical **representation** of relational patterns between user and entities in public/private databases. Enables usage of contact intelligence data mining tool by various users across WAN.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of contact intelligence data mining system.

Public databases (102a-102c)

Private contact database (104c)

pp; 85 DwgNo 26/29

Title Terms: CONTACT; INTELLIGENCE; DATA; MINE; SYSTEM; DETECT; CONTACT; PATH; ACCESS; PUBLIC; DATABASE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-017/30

File Segment: EPI

12/5/20 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

012566994 **Image available**
WPI Acc No: 1999-373101/199932
XRPX Acc No: N99-278476

**Apparatus for determining behavior patterns of consumers and people
looking for information**

Patent Assignee: CYBERMIND INTERACTIVE EURO MULTI-MEDIA-S (CYBE-N)
Inventor: HALBACH W R; RICHTER B; TIMM H; HALBACH W
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 921482	A2	19990609	EP 98101273	A	19980126	199932 B
DE 19801027	A1	19990617	DE 1001027	A	19980107	199932
CA 2255195	A1	19990602	CA 2255195	A	19981202	199947

Priority Applications (No Type Date): DE 1055473 A 19971202

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 921482	A2	G	7	G06F-017/60	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
CA 2255195	A1	E		G06F-017/60	
DE 19801027	A1			G06F-015/163	

Abstract (Basic): EP 921482 A2

NOVELTY - The apparatus uses a server system (11) which is connected to **several client** systems (12) via a network structure (13). The Server provides a **virtual** reality which recreates everyday situations for the user (16). The **virtual** reality can be **represented** by the Client System (12). The client system has a navigation system (14) for passing through the **virtual** reality. Behavior choices are provided in the **virtual** reality. Communication choices are also provided in the **virtual** reality. A feedback system (15) analyses the behavior of the user (16) moving through the **virtual** reality relative to the choices.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS also cover a method of using the apparatus.

USE - For **market** research etc.

ADVANTAGE - Provides a high degree of immersion into the **virtual** world, where the user feels in their usual environment to ensure realistic results while being entertaining.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the apparatus.

Open Community system (10)
server system (11)
client systems (12)
network structure (13)
navigation system (14)
feedback system (15)
user (16)
user database (17)
output (18)
pp; 7 DwgNo 1/2

Title Terms: APPARATUS; DETERMINE; PATTERN; CONSUME; PEOPLE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-015/163; **G06F-017/60**

International Patent Class (Additional): G06F-003/00; G06F-019/00;

H04L-012/16

File Segment: EPI

12/5/21 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012240332 **Image available**

WPI Acc No: 1999-046439/199905

XPX Acc No: N99-033856

On-line sales automation system for insurance agents and agencies - has database linked to agents computers over internet with different products marked as linked to different policies by colour coding on graphical user interface

Patent Assignee: LIFEWEB LLC (LIFE-N)

Inventor: JACOB S S; KAPLAN J M; LIVINGSTON D R; MEYER E W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2229674	A	19980821	CA 2229674	A	19980216	199905 B

Priority Applications (No Type Date): US 97804729 A 19970221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2229674	A	202	G06F-017/60	

Abstract (Basic): CA 2229674 A

The system has **several** end **users** computers (104) connected over the internet (105) to a main sever (10) and database (102) through a carrier host (103). The main server has a processor that generates several action items (e.g. insurance policies) for the end users, these are displayed on the **users** computer screen as **different** visual indicators (colours; patterns; etc.) **representing** the status of each item. The user can select and interact with the information displayed using a conventional menu driven **graphical interface**. Each item has a menu of symbols defining components (e.g. different products) within each item, these are colour coded or follow the same pattern as the item they attach to.

USE - For integrating e.g. insurance services and **sales** between insurance agents and agencies over world wide communications network e.g. internet or PSTN.

ADVANTAGE - Obviates time consuming and complicated multitudes of paperwork and forms that apply to different insurance policies being sold under different condition in different countries and allows for easy marrying up of information on products offered for each policy.

Dwg.1/100

Title Terms: LINE; **SALE** ; AUTOMATIC; SYSTEM; INSURANCE; AGENT; DATABASE; LINK; AGENT; COMPUTER; PRODUCT; MARK; LINK; COLOUR; CODE; GRAPHICAL; USER ; INTERFACE

Derwent Class: T01; W01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-017/40

File Segment: EPI

12/5/22 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

010561594 **Image available**

WPI Acc No: 1996-058548/199606

Related WPI Acc No: 1999-214388

XPX Acc No: N96-048802

Universal electronic transaction card for storing and transmitting personal information - displays menus representing group of service institutions on touch sensitive display for selection by user to proceed with transaction using card

Patent Assignee: PITRODA S G (PITR-I); PITRODA S (PITR-I)

Inventor: PITRODA S G; PITRODA S

Number of Countries: 023 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9535546	A1	19951228	WO 95US7917	A	19950607	199606 B
US 5590038	A	19961231	US 94262307	A	19940620	199707
EP 766852	A1	19970409	EP 95926598	A	19950607	199719
			WO 95US7917	A	19950607	
JP 10502193	W	19980224	WO 95US7917	A	19950607	199818
			JP 96502595	A	19950607	

Priority Applications (No Type Date): US 94262307 A 19940620

Cited Patents: US 4491725; US 4689478; US 4739295; US 4849614; US 4858121;

US 4891506; US 4928001; US 5150420; US 5153842; US 5276311; US 5301105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9535546	A1	E	60	G06F-017/60	
Designated States (National): BR CA CN JP MX RU					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5590038	A		31	G06F-017/60	
EP 766852	A1	E	1	G06F-017/60	Based on patent WO 9535546
Designated States (Regional): DE FR GB IT					
JP 10502193	W		62	G06F-017/60	Based on patent WO 9535546

Abstract (Basic): WO 9535546 A

The electronic transaction card (UET card) includes a memory (34), an input and **display** unit (30), processing unit (33) and a communications unit (38). The **display** is a touch sensitive **display** which provides a number of menus to select the type of card to use for a transaction. After the choice is made, a graphic image appears on the **display** which looks like the face of the card, and includes the account number, user's name, name of the credit card company and its logo.

Thereafter, the user presents the UET card to the point of **sales** terminal for a **sales** transaction. The **sales** transaction information is transferred and stored in the UET card by the point of **sales** terminal to eliminate paper receipts and facilitate future storage, verification and analysis.

USE/ADVANTAGE - Storing, transmitting and receiving personal e.g name, address, date of birth etc, accounting and transactional information for e.g service institutions for identification, credit transactions, bank transactions, licensing, registration etc, and provides health care system using universal electronic transaction cards.

Dwg.3/31

Title Terms: UNIVERSAL; ELECTRONIC; TRANSACTION; CARD; STORAGE; TRANSMIT; PERSON; INFORMATION; **DISPLAY** ; MENU; **REPRESENT** ; GROUP; SERVICE; INSTITUTION; TOUCH; SENSITIVE; **DISPLAY** ; SELECT; USER; PROCEED; TRANSACTION; CARD

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-019/00; G07F-007/08; G07G-001/12

File Segment: EPI

12/5/23 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

010044681 **Image available**

WPI Acc No: 1994-312392/199439

XRPX Acc No: N94-245955

Electronic dealing system for foreign exchange - performs matching processing of information on transaction orders placed by order side customers and buyer side customers to establish transactions

Patent Assignee: FUJITSU LTD (FUIT); KOKUSAI DENSHIN DENWA CO LTD (KOKU); MINEX CORP (MINE-N)

Inventor: ABE S; MATSUBARA ; YAMAMOTO Y; MATSUBARA H

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2277177	A	19941019	GB 945298	A	19940317	199439 B
GB 2277177	B	19970910	GB 945298	A	19940317	199739
US 5926801	A	19990720	US 94214749	A	19940318	199935
			US 96626980	A	19960403	

Priority Applications (No Type Date): JP 9389741 A 19930416

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2277177	A		42	G06F-015/30	
US 5926801	A			G06F-017/60	Cont of application US 94214749
GB 2277177	B			G06F-017/60	

Abstract (Basic): GB 2277177 A

The electronic dealing system sets a margin relative to the last **trade** price, and calculates a decision price from the last **trade** price and the set margin when the last **trade** price has been determined. The system detects if a situation has occurred which is disadvantageous to the customer under current **market** conditions with respect to the price of the offered order by judging the relative size of the price of the order placed by the order side customer and the calculated decision price.

An alarm is output when the system detects the occurrence of a disadvantageous situation, such that the load on the customer is eased and the customer can **trade** with more certainty.

USE/ADVANTAGE - Ensuring greater certainty of transactions for customers. Reduced load on customer who do not have to monitor **display** screen continually.

Dwg.1/16

Title Terms: ELECTRONIC; DEAL; SYSTEM; FOREIGN; **EXCHANGE** ; PERFORMANCE; MATCH; PROCESS; INFORMATION; TRANSACTION; ORDER; PLACE; ORDER; SIDE; CUSTOMER; BUY; SIDE; CUSTOMER; ESTABLISH; TRANSACTION

Derwent Class: T01

International Patent Class (Main): G06F-015/30; **G06F-017/60**

International Patent Class (Additional): G06F-157-00

File Segment: EPI

16/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07022001 **Image available**
MERCHANDISE ADVERTISING METHOD AND SYSTEM BY THREE- DIMENSIONAL CG MODEL

PUB. NO.: 2001-249633 [JP 2001249633 A]
PUBLISHED: September 14, 2001 (20010914)
INVENTOR(s): ARAKI HIDEKI
APPLICANT(s): ARAKI HIDEKI
APPL. NO.: 2000-058488 [JP 200058488]
FILED: March 03, 2000 (20000303)
INTL CLASS: G09F-027/00; **G06F-017/60** ; G06T-017/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an advertising method which imaginarily arranges merchandise, such as furniture and household electrical apparatus, in a living house, etc., and is capable of recognizing and judging the presence or absence of trouble in the arrangement of the merchandise.

SOLUTION: A trader of home sends 3D simulation software and a 3DCG model of the house from his or her own personal computer 1 via a network 4 to a personal computer 5 of a person for advertisement. The person for advertisement installs the 3D simulation software in the personal computer 5 to build a virtual space and arranges the 3DCG **model** of the house therein. A merchandise **trader** sends the 3DCG **models** of the merchandise in the **virtual** space via the network 4 from a personal computer 2. The person for advertisement arranges the 3DCG models of the merchandise within the house model of the virtual space by interior and exterior design simulation functions and is enabled to recognize such things as the functions/performance of the merchandise can be exhibited or not, operation is easy or not, and the trouble in living occurs or not. The person thus makes judgment as to the purchase of the merchandise.

COPYRIGHT: (C)2001,JPO

16/5/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

06832743 **Image available**
AUTOMATIC AUCTION METHOD

PUB. NO.: 2001-060237 [JP 2001060237 A]
PUBLISHED: March 06, 2001 (20010306)
INVENTOR(s): MORI MASAKATSU
OGURA MASAHIRO
TAKESHIMA MASAHIRO
ARAI KENJI
APPLICANT(s): HITACHI LTD
APPL. NO.: 2000-226186 [JP 2000226186]
Division of 08-233918 [JP 96233918]
FILED: September 04, 1996 (19960904)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To provide an automatic auction method with which an auction participant has not to be in front of an auction terminal when an auction is carried out by designating the highest allowable price on a screen in a competition mode, producing the auction ordering information including the allowable price and then transmitting the auction ordering information to an auction execution terminal.

SOLUTION: A buyer client acquires the auction registering situation from an electronic market server via a registering situation screen 51. An ordered

commodity list 511, i.e., a list of commodities which are ordered by the buyers is displayed on the screen 51 together with the **icons** of an **auction** ordering information **display** /correction button 512, an ordering stop button 513, an **auction** result **display** button 514 and a button 515 which closes the screen 51 respectively. The list 511 shows a list of commodities which are ordered. When the auction ordering information is displayed/corrected, an object ordering commodity is selected from the list 511 and then the button 512 is pushed for displaying the auction ordering information.

COPYRIGHT: (C)2001,JPO

16/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

06587163 **Image available**
COMMODITY SALES DATA PROCESSOR

PUB. NO.: 2000-172956 [JP 2000172956 A]
PUBLISHED: June 23, 2000 (20000623)
INVENTOR(s): TAKEUCHI MASANORI
SATO KATSUHIKO
APPLICANT(s): TOSHIBA TEC CORP
APPL. NO.: 10-345457 [JP 98345457]
FILED: December 04, 1998 (19981204)
INTL CLASS: G07G-001/12; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To improve the degree of appeal of the sales object commodities to the customers while the commodity sales data are clearly displayed by inputting digital commodity **sales** data to an operator **display** and also inputting the **analog** commodity **sales** data to a customer **display** via a switch.

SOLUTION: The commodity **sales** data which are inputted to a two-output control circuit 52 are divided into the digital commodity sales data Sd and the analog commodity sales data Sa. The data Sa are outputted to a switch 67. Meanwhile, the expanded image data which are read out of an expanded data storage means 58 by an MPEG image processing circuit 56 undergo the digital/analog conversion via a converter 59. At the same time, the analog expanded image data Sap are outputted to the switch 67, and the data Sap or the data Sa can be inputted to a customer display 65 via the selective changeover of the switch 67.

COPYRIGHT: (C)2000,JPO

16/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

05985949 **Image available**
REPRESENTATION METHOD IN SHOPPING MALL, AND INFORMATION PROCESSOR

PUB. NO.: 10-269049 [JP 10269049 A]
PUBLISHED: October 09, 1998 (19981009)
INVENTOR(s): NANBA YASU HARU
YANAGI KUNIHIRO
SAKAO HIDEKI
TOMITA TAMINORI
AOSHIMA HIROKAZU
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-071275 [JP 9771275]
FILED: March 25, 1997 (19970325)

INTL CLASS: [6] G06F-003/14; G06F-003/14; G06F-013/00; **G06F-017/60** ;
G06T-015/00
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2
(INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION
PROCESSING -- Computer Applications); 45.9 (INFORMATION
PROCESSING -- Other)
JAPIO KEYWORD:R011 (LIQUID CRYSTALS)

ABSTRACT

PROBLEM TO BE SOLVED: To notify users in an easy-to-understand way of sales information, the rough scale and the prosperity state of each store, by changing the **representation** modes concerning the store **displays** according to the **sales** or the access frequency of each store.

SOLUTION: An internet browser window 3, a store information display window 4, etc., are shown on a display device 1. At the same time, the sounds are outputted through a speaker 2. The window 3 includes a shopping mall display area 5, and the window 4 includes a store information display area 6. Then the information corresponding to a store 7 shown in the area 5 is displayed in the area 6. In this a system, the **representation** modes concerning the store **displays** are changed according to the **sale** or the access frequency of each store.

16/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

05429768 **Image available**
INFORMATION DISPLAY DEVICE

PUB. NO.: 09-044568 [JP 9044568 A]
PUBLISHED: February 14, 1997 (19970214)
INVENTOR(s): KOMATA MIKIO
APPLICANT(s): KOKUSAI ELECTRIC CO LTD [000112] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 07-198812 [JP 95198812]
FILED: August 03, 1995 (19950803)
INTL CLASS: [6] **G06F-017/60** ; G09G-003/20; G09G-005/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9
(COMMUNICATION -- Other)
JAPIO KEYWORD:R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes, LED)

ABSTRACT

PROBLEM TO BE SOLVED: To display market price information on stock prices so that fluctuations of the market price information and their variation widths can be known at a glance and brands having large variations in price are easy to know by changing display colors and display areas according to the fluctuations and variation widths of numeric data.

SOLUTION: The display part of the information display device consists of a brand tag 1 **representing** a brand name (article name), a **market** price information **display** part 2 which **displays** the **market** price information corresponding to the brand name, and rise and fall display parts 4a and 4b which display rise and fall information. The rise and fall display parts 4a and 4b illuminate with area corresponding to variation width when market price data such as stock price data received from a central device vary exceeding a set width, and consist of LED dot matrixes which can make a graphic display. The rise and fall display part 4a is a red display part consisting of the dot matrix of red LEDs and illuminates when a market price rises suddenly, and the rise and fall display part 4b is a green display part consisting of the dot matrix of green LEDs and illuminates when the market price falls.

16/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

05003452 **Image available**
SIMULATOR FOR PURCHASE AND SALE OF FOREIGN DEBT

PUB. NO.: 07-296052 [JP 7296052 A]
PUBLISHED: November 10, 1995 (19951110)
INVENTOR(s): SHIOZAWA TOMONOBU
 NAKAGAWA MASATSUGU
APPLICANT(s): NEC SOFTWARE LTD [491061] (A Japanese Company or Corporation)
 , JP (Japan)
 NEC CORP [000423] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 06-081234 [JP 9481234]
FILED: April 20, 1994 (19940420)
INTL CLASS: [6] G06F-017/60
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To provide materials for obtaining the portfolio of best investment efficiency and to provide materials for judgement concerning the timing of the sale and purchase of a debenture.

CONSTITUTION: A portfolio analytic part 1 calculates an analytic index for recognizing the character and the feature of the portfolio. A screening part 2 extracts the candidate of a virtual sale and purchase brand from the portfolio of a debenture holding presently. A screening result output part 3 outputs the extracting result to a picture or a slip. A sale brand register part 4 inputs sale brand information of virtual sale and their dealing prices. A purchase brand register part 5 inputs purchase brand information of virtual purchase and their dealing prices. A **simulation** execution part 6 executes **simulation** based on the pieces of **virtual sale** and purchase information. A **simulation** executing result output part 7 compares evaluation results before and after these simulation and outputs them to the picture and the slip.

16/5/7 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014367272 **Image available**
WPI Acc No: 2002-187974/200224
XRPX Acc No: N02-142539

Time left display method for on-line auction involves obtaining user's computer time, auction computer time and auction end time and using them to calculate actual time left to end of auction which is displayed as icon

Patent Assignee: DORR R C (DORR-I)
Inventor: DORR R C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020016743	A1	20020207	US 2000178189	P	20000126	200224 B
			US 2001759105	A	20010111	

Priority Applications (No Type Date): US 2000178189 P 20000126; US
2001759105 A 20010111

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20020016743 A1 11 G06F-017/60 Provisional application US 2000178189
Abstract (Basic): US 20020016743 A1

NOVELTY - User's computer current time obtained (410) and compared to auction computer time (430). Based on this comparison and **auction** end time, user's computer calculates and **displays** processor time left to end of **auction** (440). **Display** may be in form of **icon**.

USE - For displaying time left to end of on-line auction (claimed).

ADVANTAGE - Avoids confusion due to differences between user's processor time and auction computer time e.g. due to being in different

time zones.

DESCRIPTION OF DRAWING(S) - Drawing is a flow diagram of the method.

Obtain processor time (410)
Compare to auction time (430)
Display processor time left (440)
pp; 11 DwgNo 4/8

Title Terms: TIME; LEFT; DISPLAY; METHOD; LINE; AUCTION; OBTAIN; USER;
COMPUTER; TIME; AUCTION; COMPUTER; TIME; AUCTION; END; TIME; CALCULATE;
ACTUAL; TIME; LEFT; END; AUCTION; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/8 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014349503 **Image available**

WPI Acc No: 2002-170206/200222

Simulated stock investment method for virtual stocks of unlisted enterprises in network system and computer readable recording medium storing thereof

Patent Assignee: POSDAQ CO LTD (POSD-N)

Inventor: SHIN C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001091792	A	20011023	KR 200013849	A	20000318	200222 B

Priority Applications (No Type Date): KR 200013849 A 20000318

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001091792	A		1	G06F-017/60	

Abstract (Basic): KR 2001091792 A

NOVELTY - A simulated stock investment method for the virtual stocks of listed enterprises in a network system and a computer readable recording medium storing thereof are provided not only to offer various benefits to cyber investors and listed enterprises but also to help them to understand the concept of a real stock market by using the virtual stocks of unlisted enterprises as the subject of trade.

DETAILED DESCRIPTION - A server computer(14), installed in a company that provides a method to trade the virtual stocks of unlisted enterprises, is connected with a database(16). The server computer(14) is provided with a main program(140), a securities program(142), a profit rate assessment program(144), and other programs(146). User computers(10), linked with the server computer(14), are for cyber investors who want to understand a real stock market and to receive various benefits by participating in a simulated stock investment game. An information provider computer(20) providing various information to members is also linked with the server computer(14). The server computer(14), the user computers(10), a shopping mall computer(18), and the information provider computer(20) are connected through a network(12), such as the Internet. The database(16) is comprised of a member DB(162), a registered enterprise DB(164), and a member information DB(166).

pp; 1 DwgNo 1/10

Title Terms: SIMULATE; STOCK; INVESTMENT; METHOD; VIRTUAL; STOCK; NETWORK; SYSTEM; COMPUTER; READ; RECORD; MEDIUM; STORAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/9 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014334294 **Image available**
WPI Acc No: 2002-154997/200220
XRPX Acc No: N02-117811

**Computer based virtual reality trading system that simulates
virtual environment of active trading floor has device for a number of
traders to interact and complete trades via their virtual trader persons
on virtual trading floor**

Patent Assignee: MELKOMIAN R (MELK-I)

Inventor: MELKOMIAN R; SARMA S

Number of Countries: 093 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200205182	A1	20020117	WO 2001US21377	A	20010706	200220 B

Priority Applications (No Type Date): US 2000216195 P 20000706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200205182	A1	E	52	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

Abstract (Basic): WO 200205182 A1

NOVELTY - A device is provided for generating an interactive virtual trading floor space and for generating virtual trader persons corresponding to virtual images of the number of traders in it and for supporting interactive trading between a number of the virtual trader persons. A device is used for the number of traders to interact and complete trades via their virtual trader persons on the virtual trading floor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a method for trading financial products in a virtual reality environment

(b) a computer trading system for trading financial product

USE - In exchanging of various securities and commodities that **simulates** in a **virtual** environment an active **trading floor**.

ADVANTAGE - Creates a **virtual** environment that **simulates** a **trading floor**, enables users to electronically use an open outcry auction for trading securities and to participate on a virtual trading floor environment utilizing the open outcry method, as a direct substitute for an actual trading floor.

DESCRIPTION OF DRAWING(S) - The drawing shows a view of a virtual exchange floor according to the present invention.

pp; 52 DwgNo 4a/8

Title Terms: COMPUTER; BASED; VIRTUAL; TRADE; SYSTEM; SIMULATE; VIRTUAL;
ENVIRONMENT; ACTIVE; TRADE; FLOOR; DEVICE; NUMBER; INTERACT; COMPLETE;
VIRTUAL; PERSON; VIRTUAL; TRADE; FLOOR

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/10 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014325531 **Image available**
WPI Acc No: 2002-146233/200219

**Business model for operating portal system of internet trade
marketing or promotion by using web camera solution**

Patent Assignee: KYEONG K M (KYE0-I)

Inventor: KYEONG K M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001085079	A	20010907	KR 200146658	A	20010801	200219 B

Priority Applications (No Type Date): KR 200146658 A 20010801

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001085079	A		1 G06F-017/60	

Abstract (Basic): KR 2001085079 A

NOVELTY - An Internet **trade** marketing or promotion **portal** system operation business **model** is provided to enable companies or persons to perform a real time international trade marketing or promotion based on a worldwide Internet communication infrastructure, e.g. the IMT-2000.

DETAILED DESCRIPTION - The system comprises an Internet camera, a camera server, a trade portal home page, and a web server. The Internet camera captures moving pictures. The camera server compresses the captured moving pictures and transmits the moving pictures over the Internet. The trade portal home page offers various trade services and enables member companies to perform a real time international trade. The web server operates the trade portal home page. The home page enables sellers to offer information on commodities and communicate views with buyers via e-mail. The request from the buyer can be checked or monitored by a real time. The buyer can also check a state of overseas branches, factories, warehouses or supply chains by a real time.

pp; 1 DwgNo 1/10

Title Terms: BUSINESS; MODEL; OPERATE; PORTAL; SYSTEM; TRADE; MARKET; PROMOTE; WEB; CAMERA; SOLUTION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/11 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014311695 **Image available**

WPI Acc No: 2002-132397/200218

XRPX Acc No: N02-099897

System for creation of a virtual market place in which a system accesses a number of suppliers using a chip card containing data pertaining to him so that transactions can be made quicker and less troublesome

Patent Assignee: PROMEC SYSTEMS GMBH & CO KG (PROM-N); ALBERTSHOFER C

(ALBE-I); HERZOG VON WUERTTEMBERG S K H E (VWUE-I); PRAEGNER S (PRAE-I)

Inventor: ALBERTSHOFER C; EBERHARD HERZOG VON WURTEMBERG; PRAEGNER S;

HERZOG VON WUERTTEMBERG S K H

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1172774	A1	20020116	EP 2000115148	A	20000712	200218 B
US 20020010650	A1	20020124	US 2001902851	A	20010710	200218

Priority Applications (No Type Date): EP 2000115148 A 20000712

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1172774	A1	G	13 G07F-007/10	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

US 20020010650 A1 G06F-017/60

Abstract (Basic): EP 1172774 A1

NOVELTY - System in which a user has a chip card or similar with a memory for storage of user data. The system contain memory for personalized user container data, i.e. data suitable for linking a user to various suppliers (container partners) in a sales system. Either on the card or elsewhere in the system is linking software logic that links the user to the system and or container partners on the system to further progress transactions etc. The software is based on the stored user card data and the user container data stored in memory.

USE - Chip card based e-commerce system in which a user accesses the Internet or similar to undertake transactions with suppliers.

ADVANTAGE - Use of a chip card with stored user data and associated software enables a user to make a number of transactions with a number of suppliers in a quick and trouble free manner.

DESCRIPTION OF DRAWING(S) - Figure shows a general depiction of a virtual market place.

user terminals (14a-d)

central server (12)

chip card reader. (20)

pp; 13 DwgNo 2/3

Title Terms: SYSTEM; CREATION; VIRTUAL; MARKET; PLACE; SYSTEM; ACCESS;

NUMBER; SUPPLY; CHIP; CARD; CONTAIN; DATA; PERTAIN; SO; TRANSACTION; CAN;

MADE; QUICK; LESS; TROUBLE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60 ; G07F-007/10

International Patent Class (Additional): G07F-007/08

File Segment: EPI

16/5/12 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014267669 **Image available**

WPI Acc No: 2002-088367/200212

Method for processing car stock through communication network

Patent Assignee: YOO D C (YOOD-I)

Inventor: YOO D C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001077091	A	20010817	KR 20004666	A	20000131	200212 B

Priority Applications (No Type Date): KR 20004666 A 20000131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001077091	A		1	G06F-017/60	

Abstract (Basic): KR 2001077091 A

NOVELTY - A method for processing a car stock through a communication network is provided to perform an investment in stocks with respect to all sorts of cars virtually by using a computer communication network.

DETAILED DESCRIPTION - A user accesses a web page of a car stock company provided from a server computer and performs a log-in process(21). The server computer confirms the user's ID and password from user information being stored in a database and displays cyber money possessed by the users on a user's computer(22). The user selects a car classification for selecting an investment item(23) and selects one car model out of the car classification(24). If the user clicks one model name out of a car classifying table, the server computer displays information as all sorts of stock market prices of the model (25). The user writes wanted stock amount and money in an application amount and money form(26). The user fulfills a transaction(28) by clicking a purchase icon or a selling icon(27).

pp; 1 DwgNo 1/10

Title Terms: METHOD; PROCESS; CAR; STOCK; THROUGH; COMMUNICATE; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60
File Segment: EPI

16/5/13 (Item 7 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014235107 **Image available**
WPI Acc No: 2002-055805/200207
XRPX Acc No: N02-041086

**Customer constrained purchase choice on-line presenting system generates
a view of goods modulated by data representing customer specific factors
relating to goods available for purchase**

Patent Assignee: PAYLESS SHOESOURCE INC (PAYL-N)
Inventor: FRAZIER S; WELLS R
Number of Countries: 090 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200191019	A1	20011129	WO 2001US17127	A	20010525	200207 B
AU 200163461	A	20011203	AU 200163461	A	20010525	200221

Priority Applications (No Type Date): US 2000579096 A 20000525
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200191019	A1	E	43	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200163461	A			G06F-017/60	Based on patent WO 200191019
--------------	---	--	--	-------------	------------------------------

Abstract (Basic): WO 200191019 A1

NOVELTY - A database stores data of goods available for purchase. A processor obtains data representing customer specific factors relating to goods available for purchase and generates a view of the goods modulated by customer specific factors.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Shoe inventory information processing system;
- (b) Shoe inventory search processing method

USE - Used for on-line retail sales of goods such as footwear, etc.

ADVANTAGE - The system ensures orders to be fulfilled with a high degree of certainty, since the customer browsing the **website** is presented with **representations** of goods presently in **stock**. Presenting the customer a view of available stock of products reduces opportunity for customer frustration. The initial customer view generated by on-line interaction with customer is maintained throughout the transaction to avoid customer encountering a choice in another category of goods that would raise the question of availability in the customers.

DESCRIPTION OF DRAWING(S) - The figure shows a high level architectural drawing illustrating primary components of a customer constrained purchase choice on-line presenting system.

pp; 43 DwgNo 1/4

Title Terms: CUSTOMER; CONSTRAIN; PURCHASE; CHOICE; LINE; PRESENT; SYSTEM;
GENERATE; VIEW; GOODS; MODULATE; DATA; REPRESENT; CUSTOMER; SPECIFIC;
FACTOR; RELATED; GOODS; AVAILABLE; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60
File Segment: EPI

16/5/14 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014219985 **Image available**
WPI Acc No: 2002-040683/200205
XRPX Acc No: N02-030159

**Online delivery system of investor documents through computer networks,
includes electronic dissemination and tabulation system to send
information to investor system in correspondence to stock holdings of
investor**

Patent Assignee: MEDIANT COMMUNICATIONS INC (MEDI-N)

Inventor: PURCELL J

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010034680	A1	20011025	US 2000197602	P	20000418	200205 B
			US 2001760745	A	20010117	
WO 200180132	A2	20011025	WO 2001US12266	A	20010416	200205
AU 200153520	A	20011030	AU 200153520	A	20010416	200219

Priority Applications (No Type Date): US 2000197602 P 20000418; US
2001760745 A 20010117

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010034680	A1		15	G06F-017/60	Provisional application US 2000197602

WO 200180132 A2 E G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153520 A G06F-017/60 Based on patent WO 200180132

Abstract (Basic): US 20010034680 A1

NOVELTY - An electronic dissemination and tabulation (EDT) system
delivers/receives information from investor system by hyperlink text,
in response to a click on an **icon** on a **website** of the **E- broker**
system (304). The EDT system sends information to investor system in
correspondence to stock holdings of the investor recorded in database
of E-broker system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) Method for online information gathering from investors;

(b) Method for online delivery of documents to investors and for
receiving voting instruction from investors

USE - For online delivery of documents to investors and receiving
voting or tendering instructions from investors through computer
network such as LAN, WAN, internet.

ADVANTAGE - Since the EDT system is seamlessly and securely
integrated into the client E-broker's website, remote administration of
online delivery of materials to specific investors which have been
authenticated into the E-broker's website is allowed and related
instructions without investors to leave the website is processed.

DESCRIPTION OF DRAWING(S) - The figure shows the general
interaction of various parties system in the inventive system.

E-broker system (304)

pp; 15 DwgNo 3/5

Title Terms: DELIVER; SYSTEM; DOCUMENT; THROUGH; COMPUTER; NETWORK;

ELECTRONIC; DISSEMINATE; TABULATING; SYSTEM; SEND; INFORMATION; SYSTEM;

CORRESPOND; STOCK; HOLD

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-015/16

File Segment: EPI

16/5/15 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014197067 **Image available**
WPI Acc No: 2002-017764/200202
XRPX Acc No: N02-014145

Behavior simulation method for high technology product or service consumers in telecommunications uses multi-agents allowing correlation at the global level for individual variables determining each data agent.

Patent Assignee: FRANCE TELECOM SA (ETFR); FRANCE TELECOM (ETFR)

Inventor: BEN S L; BOURON T; BEN SAID L

Number of Countries: 023 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200188779	A1	20011122	WO 2001FR1491	A	20010516	200202 B
FR 2809209	A1	20011123	FR 20006479	A	20000519	200202

Priority Applications (No Type Date): FR 20006479 A 20000519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200188779	A1	F	79	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): CA JP NO US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

FR 2809209	A1	G06F-017/60
------------	----	-------------

Abstract (Basic): WO 200188779 A1

NOVELTY - Method in which: (a) consumer behavioral primitives have at least a condition represented by parameter for consumption habit; (b) imitation represented by reproduction parameter for dominant value of decision variable; (c) opportunism **represented** by parameter reacting to **virtual market** stimuli; (d) caution regarding attraction of innovative character of offer from product or service group provided in the form of variable stimuli by behavioral model of provider agent.

DETAILED DESCRIPTION - A **virtual market** is formed by modeling a real **market**. Behavioral **simulation** method for consumers by multi-agent **simulation** in a **virtual market** framework. Method has following stages:

(a) establish for each consumer or consumer group a behavioral **model**, from a number of consumer behavior primitives in the **virtual market** frame. The primitives allow, using variable stimuli and as a function of the primitives internal values, establishment for each consumer or consumer group, a number of decision variables in the **virtual market** frame; establish for each provider a behavioral **model** provider agent from a number of provider behavioral primitives in the virtual market frame. These primitives, from specific virtual market data, generate a number of stimuli variables, addressed to a group of consumer behavioral agent **models**, which produce a group of dedicated decision variables in the **virtual market** frame; **represent** at least in a literal form, the dedicated decision variables in the **virtual market** frame, in the form of emergent phenomena, **representative** of one or more behavioral tendencies for a group of behavioral agents in the virtual market frame

USE - For simulation of consumer behavior on a global basis.

ADVANTAGE - Designed to allow simulation in a competitive market for high technology telecommunication products or services using a consumer behavioral model agent which defines elementary behavioral rules allowing the simulation of individual consumer populations of at least 1000, for classic data, normally available in commerce.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram illustrating the method of behavioral simulation for consumers

stage for establishing for each consumer a consumer behavioral agent (A)

establishment of provider of provider behavioral agent model (B)

establishment of dedicated decision variables (C)
decision variables (DDj,k)
consumer behavioral agent (MCCj)
behavioral primitives (PC)
provider behavioral agent (MCFk)
virtual market (MV)
stimuli variables (Sk)
pp; 79 DwgNo 1a/7

Title Terms: SIMULATE; METHOD; HIGH; TECHNOLOGY; PRODUCT; SERVICE; CONSUME;
TELECOMMUNICATION; MULTI; AGENT; ALLOW; CORRELATE; GLOBE; LEVEL;
INDIVIDUAL; VARIABLE; DETERMINE; DATA; AGENT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

16/5/16 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014070922 **Image available**

WPI Acc No: 2001-555135/200162

XRPX Acc No: N01-413112

**Electronic auction system for purchasing used goods, displays
three-dimensional model of goods for including goods in auction**

Patent Assignee: KAWAMURA E (KAWA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001238232	A	20010831	JP 200047730	A	20000224	200162 B

Priority Applications (No Type Date): JP 200047730 A 20000224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001238232	A		6	H04N-013/00	

Abstract (Basic): JP 2001238232 A

NOVELTY - A three-dimensional model having information about shape, structure and specification of the goods is generated and transmitted through communication circuit. Goods are included in the auction by displaying their three-dimensional models.

USE - For purchasing used goods.

ADVANTAGE - The information about the goods included in the auction are transmitted to a person at a remote location easily.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of an auction server. (Drawing includes non-English language text).

pp; 6 DwgNo 4/6

Title Terms: ELECTRONIC; AUCTION; SYSTEM; PURCHASE; GOODS; DISPLAY; THREE;
DIMENSION; MODEL; GOODS; GOODS; AUCTION

Derwent Class: T01

International Patent Class (Main): H04N-013/00

International Patent Class (Additional): G06F-017/60 ; G06T-001/00;

G06T-017/00; H04N-005/262; H04N-007/173

File Segment: EPI

16/5/17 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014064486 **Image available**

WPI Acc No: 2001-548699/200161

Method for controlling internet auction system

Patent Assignee: KIM Y S (KIMY-I)

Inventor: KIM Y S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001029173	A	20010406	KR 9941838	A	19990929	200161 B

Priority Applications (No Type Date): KR 9941838 A 19990929

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001029173	A	1	G06F-017/60	

Abstract (Basic): KR 2001029173 A

NOVELTY - A method for controlling an internet auction system is provided to reduce distribution stage and distribution cost by selling at auction through the internet, to put a price according to quality and credit by standardizing physical distribution.

DETAILED DESCRIPTION - A client connects to a server(300) through a client computer(100) (S1). The server(300) transmits an initial screen of an internet auction system to the client computer(100) (S2). The initial screen of the internet auction system displays items for joining member, a producer section item icon and a purchaser section item icon which the client is able to select. The server(300) compares and judges which item the client computer(100) selects among the items on the initial screen(S3).

pp; 1 DwgNo 1/10

Title Terms: METHOD; CONTROL; AUCTION; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/18 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014038033 **Image available**

WPI Acc No: 2001-522246/200157

XRPX Acc No: N01-387046

Shoe size scanner system has product query unit enters request for in stock information for scanned display shoe into remote scanner units and displays response obtained from central data processing unit

Patent Assignee: BARNETT S B (BARN-I)

Inventor: BARNETT S B

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200154018	A1	20010726	WO 2001US1388	A	20010117	200157 B
AU 200134459	A	20010731	AU 200134459	A	20010117	200171
US 6343276	B1	20020129	US 2000484213	A	20000118	200210

Priority Applications (No Type Date): US 2000484213 A 20000118

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200154018	A1	E	35 G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200134459 A G06F-017/60 Based on patent WO 200154018

US 6343276 B1 G06F-017/60

Abstract (Basic): WO 200154018 A1

NOVELTY - A product query unit enters a request for in stock information for a scanned display shoe into remote scanner units and displays a response containing in stock information obtained from a central data processing unit (10) on the remote scanner units. A data communication unit provides data communication between fixed mount remote car code scanner units and a base unit (18).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a shoe size scanning method.

USE - For computer based inventory and sales system.

ADVANTAGE - Permits retail sales clerks and customers to ascertain whether shoe display models are currently in stock in a particular shoe size without going to the stockroom and manually searching the shelves.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the shoe size scanner system.

Central data processing unit (10)

Base unit (18)

pp; 35 DwgNo 1/9

Title Terms: SHOE; SIZE; SCAN; SYSTEM; PRODUCT; QUERY; UNIT; ENTER; REQUEST ; STOCK; INFORMATION; SCAN; DISPLAY; SHOE; REMOTE; SCAN; UNIT; DISPLAY; RESPOND; OBTAIN; CENTRAL; DATA; PROCESS; UNIT

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/19 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014028706 **Image available**

WPI Acc No: 2001-512920/200156

XRPX Acc No: N01-379775

Computer system for dynamically metering information, has processor database containing multiplicity of dimensions that are selected from group consisting of volume, freshness, quality, demand

Patent Assignee: DATA JUNCTION CORP (DATA-N)

Inventor: BIRD C M P; GROSH G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6195646	B1	20010227	US 97855516	A	19970513	200156 B

Priority Applications (No Type Date): US 97855516 A 19970513

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6195646	B1	14	G06F-017/60	

Abstract (Basic): US 6195646 B1

NOVELTY - A processor values metered information of pricing model by dynamically applying several factors applicable to several dimensions. The processor generates partial quotes associated with model and determines price quote for metered information. Multiplicity of dimensions are selected from group with volume, freshness, prior dealings, enumeration, quality, competition, delivery, demand etc.

DETAILED DESCRIPTION - A database has pricing models, multiplicity of dimensions and factors applicable to dimensions. INDEPENDENT CLAIMS are also included for the following:

- (a) Method for metering information;
- (b) Method for negotiating price for metered information;
- (c) Program storage device

USE - Used for dynamically metering information during information transaction.

ADVANTAGE - Enables maintaining sales information solely with purchaser's system. Employs an user friendly graphical interface that simplifies production of pricing models and allows vendor to accomplish difficult tasks of applying dimensional aspects with factors. Facilitates creation of interface for information vendor, allowing them to setup shop quickly with a minimum of computer programming skills.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram computer network system and apparatus for employing valuational and transactional features.

pp; 14 DwgNo 1/5
Title Terms: COMPUTER; SYSTEM; DYNAMIC; METER; INFORMATION; PROCESSOR;
DATABASE; CONTAIN; MULTIPLICITY; DIMENSION; SELECT; GROUP; CONSIST;
VOLUME; FRESH; QUALITY; DEMAND
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

16/5/20 (Item 14 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013991931 **Image available**

WPI Acc No: 2001-476146/200151

XRPX Acc No: N01-352421

Time variable auctioning method for varying period of auction on Internet involves knocking down auction object to seller inputting highest purchase price by server at end of auction period

Patent Assignee: ECTOTAL CO LTD (ECTO-N)

Inventor: JANG Y H; CHANG Y

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200154014	A1	20010726	WO 2000KR888	A	20000810	200151 B
AU 200067349	A	20010731	AU 200067349	A	20000810	200171
KR 2001075888	A	20010811	KR 20002800	A	20000121	200212

Priority Applications (No Type Date): KR 20002800 A 20000121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200154014	A1	E	34	G06F-017/60	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067349	A	G06F-017/60	Based on patent WO 200154014
--------------	---	-------------	------------------------------

KR 2001075888	A	G06F-017/60	
---------------	---	-------------	--

Abstract (Basic): WO 200154014 A1

NOVELTY - Avatars from a server are selected by a seller and a buyer before an **auction** starts. The selected **avatars** are displayed in **auction** site to **represent** the seller and buyer on the auction site. An auction object is then knocked down to the seller inputting highest purchase price by the server at the end of auction period after receiving and displaying purchase price input by the buyer in auction progress state.

DETAILED DESCRIPTION - Selling data about a selling price and an auction period of the auction object from the seller to the server after contacting the seller to the auction site through a seller contact unit. The server stores the selling data and announces the selling data on the auction site. The buyer inputs the (purchase price to the server for an auction period after the buyer retrieves the selling data on the auction site. The server stores and announces the purchase price from the buyer on the auction.

USE - For varying period of auction on Internet.

ADVANTAGE - Guarantees efficient progress and reliability of auction by shortening period of auction in accordance with purchase price of a buyer, and by announcing a credit rating of auction participant on the auction site. Eliminates economical loss since it is capable of ending an auction even before an initial set auction period by varying a fixed auction period flexibly in order to progress an auction rapidly.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of the time variable auctioning method.

pp; 34 DwgNo 4/7
Title Terms: TIME; VARIABLE; METHOD; VARY; PERIOD; AUCTION; KNOCK; DOWN;
AUCTION; OBJECT; INPUT; HIGH; PURCHASE; PRICE; SERVE; END; AUCTION;
PERIOD
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

16/5/21 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013981460 **Image available**
WPI Acc No: 2001-465674/200150
XRPX Acc No: N01-345451

**Virtual trading floor system in an interactive decision support system
for monitoring and responding to system and market events displayed as a
three-dimensional view**

Patent Assignee: NEW YORK STOCK EXCHANGE (NYST-N)

Inventor: ALLEN A E; HICKS M; SEGAL D

Number of Countries: 020 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200155968	A2	20010802	WO 2001US3066	A	20010131	200150 B
FR 2804526	A1	20010803	FR 20011340	A	20010131	200150

Priority Applications (No Type Date): US 2000179296 P 20000131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200155968	A2	E	35	G06T-011/20	
--------------	----	---	----	-------------	--

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

FR 2804526	A1			G06F-017/50	
------------	----	--	--	-------------	--

Abstract (Basic): WO 200155968 A2

NOVELTY - A dashboard (301) provided below a three-dimensional view of a virtual trading floor (202) displays two-dimensional numerical and symbolic information of interest and can be separated into a system dashboard (302), a user selected dashboard (303) and a business dashboard (304), while containers on the floor area contain three-dimensional graphical information of interest. A group container (308) graphically displays statistics for a group of stock or other items, while navigation and display settings are provided through a control station.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a method and system for displaying data representing operation of an exchange.

USE - Displaying a three-dimensional model of a virtual trading floor.

ADVANTAGE - Allowing rapid assimilation of large amounts of information as events occur.

DESCRIPTION OF DRAWING(S) - The drawing shows the system

Dashboard (301)

Virtual trading floor (202)

Group container (308)

pp; 35 DwgNo 3/9

Title Terms: VIRTUAL; TRADE; FLOOR; SYSTEM; INTERACT; DECIDE; SUPPORT;
SYSTEM; MONITOR; RESPOND; SYSTEM; MARKET; EVENT; DISPLAY; THREE;
DIMENSION; VIEW

Derwent Class: T01

International Patent Class (Main): G06F-017/50; G06T-011/20

International Patent Class (Additional): G06F-017/60 ; G06T-017/00

File Segment: EPI

16/5/22 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

013956829 **Image available**
WPI Acc No: 2001-441043/200147
XRPX Acc No: N01-326279

Commodity virtual trading method in on-line network, involves committing purchase and sale transactions from trading entity to supplier and customer entities through network respectively using data interchange medium

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC);
IBM UK LTD (IBMC)

Inventor: CHANG S L; CRABTREE M R; QUEK N
Number of Countries: 093 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200114994	A2	20010301	WO 2000GB3158	A	20000814	200147 B
JP 2001101314	A	20010413	JP 2000235141	A	20000803	200147
AU 200067063	A	20010319	AU 200067063	A	20000814	200147

Priority Applications (No Type Date): SG 994128 A 19990819

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200114994	A2	E	47	G06F-017/00	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

JP 2001101314	A	25	G06F-017/60
---------------	---	----	-------------

AU 200067063	A		G06F-017/00	Based on patent WO 200114994
--------------	---	--	-------------	------------------------------

Abstract (Basic): WO 200114994 A2

NOVELTY - A sale order (432) for commodity is received from customer entity through network at trading entity using data interchange medium (450). A supplier entity of commodity is sourced by trading entity dependent upon information on network. Purchase and sale transactions of commodity are committed from trading entity to supplier and customer entities through network respectively using data interchange medium.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Commodity Virtual trading apparatus;

(b) Computer program product

USE - For virtual trading of commodities between business entities using networks such as Internet, intranet, extranet.

ADVANTAGE - Enables trading of electronic components and the system utilizes new business model implemented using information technology to create virtual environment to buy, sell or trade commodities over WWW of Internet.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of virtual commodity exchange.

Sale order (432)

Data interchange medium (450)

pp; 47 DwgNo 4/7

Title Terms: COMMODITY; VIRTUAL; TRADE; METHOD; LINE; NETWORK; PURCHASE;

SALE; TRANSACTION; TRADE; ENTITY; SUPPLY; CUSTOMER; ENTITY; THROUGH;

NETWORK; RESPECTIVE; DATA; INTERCHANGE; MEDIUM

Derwent Class: T01

International Patent Class (Main): G06F-017/00; G06F-017/60

File Segment: EPI

16/5/23 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013905763 **Image available**

WPI Acc No: 2001-389976/200141

XRPX Acc No: N01-286893

Auction conducting method for virtual market place i.e. e-commerce,
displays graphical representation of buy, ask and series of
incremental bids along a scale

Patent Assignee: FARMS.COM LTD (FARM-N); FRITSCH D S (FRIT-I); TATGE J G
(TATG-I)

Inventor: FRITSCH D S; TATGE J G

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200140894	A2	20010607	WO 2000US32842	A	20001204	200141 B
AU 200125753	A	20010612	AU 200125753	A	20001204	200154
US 20020023039	A1	20020221	US 99168816	P	19991203	200221
			US 2000729574	A	20001204	
US 20020023038	A1	20020221	US 99168816	P	19991203	200221
			US 2000729397	A	20001204	

Priority Applications (No Type Date): US 99168816 P 19991203; US 2000729397
A 20001204; US 2000729574 A 20001204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200140894	A2	E	34	G06F-000/00	
--------------	----	---	----	-------------	--

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200125753	A			G06F-000/00	Based on patent WO 200140894
--------------	---	--	--	-------------	------------------------------

US 20020023039	A1			G06F-017/60	Provisional application US 99168816
----------------	----	--	--	-------------	-------------------------------------

US 20020023038	A1			G06F-017/60	Provisional application US 99168816
----------------	----	--	--	-------------	-------------------------------------

Abstract (Basic): WO 200140894 A2

NOVELTY - An image of scaled graph with incremental bid levels is displayed on screen. On the scaled graph, a spread bid levels between graphically displayed ask and buy bids are displayed. The scaled graph is reconfigured determined by a mathematical formula in response to the spread decreasing to a select quantity justifying a reallocation of an incremental bid.

DETAILED DESCRIPTION - An INDEPENDENT claim is also included for a system for auctioning goods.

USE - For virtual market i.e. e-commerce.

ADVANTAGE - It reduces the opportunity for errors in entering the bid amount.

DESCRIPTION OF DRAWING(S) - The figure illustrates monitor screen of a workstation through the different steps of an auction.

pp; 34 DwgNo 3/12

Title Terms: AUCTION; CONDUCTING; METHOD; VIRTUAL; MARKET; PLACE; DISPLAY; GRAPHICAL; REPRESENT; BUY; ASK; SERIES; INCREMENT; BID; SCALE

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/60

File Segment: EPI

16/5/24 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013662569

WPI Acc No: 2001-146781/200115

XRPX Acc No: N01-107479

Electronic payment system executes program, by which binary

representation of total value of virtual trade paper present in
other VVC's is brought out in system-VVC

Patent Assignee: SIEVERDING WARNAU BV (SIEV-N)

Inventor: SIEVERDING J H J

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200074004	A2	20001207	WO 2000NL372	A	20000531	200115 B
NL 1012204	C6	20001204	NL 991012204	A	19990601	200115
AU 200052557	A	20001218	AU 200052557	A	20000531	200118
EP 1131797	A2	20010912	EP 2000937375	A	20000531	200155
			WO 2000NL372	A	20000531	

Priority Applications (No Type Date): NL 991012204 A 19990601

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200074004 A2 E 15 G07F-007/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

NL 1012204 C6 G07F-007/10

AU 200052557 A G07F-007/00 Based on patent WO 200074004

EP 1131797 A2 E G07F-007/08 Based on patent WO 200074004

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200074004 A2

NOVELTY - A program which brings about the binary representation
in a system-VVC, of the total value of virtual trade paper present
in other VVC's is provided. The whole or partial cancellation of a
virtual trade paper or of a virtual guarantee concerning virtual trade
paper in the VVC's can be performed.

DETAILED DESCRIPTION - The system has a computer, multitude of
virtual value carriers (VVC), processors, memories, buses and antenna
for exchange of data which are protected from tampering. When virtual
trade paper is transferred from one VVC to the other VVC, the binary
representation of the code of origin of transferring/receiving VVC is
written in the memory of receiving/transferring VVC in connection with
the binary representation of the value of virtual trade paper
transferred by the VVC. Based on the connection of a VVC with the
system VVC, the binary representation of the system code is written in
or canceled from the memory of the other VVC. When virtual trade paper
is transferred from system-VVC to another VVC or vice-versa, the binary
representation of transfer data as well as code of origin of the other
VVC is stored on data carrier connected with the system-VVC.

USE - For transfer of electronic value between electronic pulses or
electronic wallets in a casing or carrier.

ADVANTAGE - Provides for an effective monitoring of the electronic
money volume in circulation. Charging of the system costs to the user
in ratio of their use, is performed. Applies to systems with which
central manipulable registration of uploading and offloading
transactions has been ensured in a different way.

pp; 15 DwgNo 0/0

Title Terms: ELECTRONIC; PAY; SYSTEM; EXECUTE; PROGRAM; BINARY; REPRESENT;
TOTAL; VALUE; VIRTUAL; TRADE; PAPER; PRESENT; SYSTEM

Derwent Class: T01; T05

International Patent Class (Main): G07F-007/00; G07F-007/08; G07F-007/10

International Patent Class (Additional): G06F-017/60 ; G07F-019/00

File Segment: EPI

16/5/25 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013514480 **Image available**

WPI Acc No: 2000-686426/200067

XRPX Acc No: N00-507477

Automatic negotiation procedure for purchasing goods and services in internet, involves offering discount incentive to user when neural network is not fulfilled by price offer

Patent Assignee: ACTIVEPOINT LTD (ACTI-N); FRIEDMAN M M (FRIE-I)

Inventor: BEN AVRAHAM G; SHEVCHENKO V; TAVOR O

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200043853	A2	20000727	WO 2000US1667	A	20000127	200067 B
AU 200029709	A	20000807	AU 200029709	A	20000127	200067
GB 2362007	A	20011107	WO 2000US1667	A	20000127	200169
			GB 200118149	A	20010725	

Priority Applications (No Type Date): US 99317956 A 19990525; US 99236098 A 19990125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200043853	A2	E	53	G06F-000/00	
--------------	----	---	----	-------------	--

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200029709	A		G06F-000/00	Based on patent WO 200043853
--------------	---	--	-------------	------------------------------

GB 2362007	A		G06F-017/60	Based on patent WO 200043853
------------	---	--	-------------	------------------------------

Abstract (Basic): WO 200043853 A2

NOVELTY - The price offer is compared with the starting price by a neural network. If the network is fulfilled by the price offer, the price offer of the user is accepted, else a discount incentive is offered to the user. If the price offer is lower than preset lower limit constant, the terminating condition is fulfilled to terminate the negotiation process.

DETAILED DESCRIPTION - The price offer is selected from the group consisting of a refusal to purchase the product, a numerical price offer for the product and an agreement to purchase the product by the user. The discount incentive is selected from the group of price discount for the product, a present, a discount in cost of shipping the product and a benefit. The neural network is fulfilled substantially only if starting price of product is negotiable. An INDEPENDENT CLAIM is also included for method of interacting with user about a product.

USE - For purchasing goods and services in internet without human intervention.

ADVANTAGE - Enables to conduct one-to-one negotiations and provide intelligent interactions with a computer user for the purpose of securing a sale. Provides naturalistic communication with the user through the GUI, such that the user is able to interact with the **virtual sales representative** through natural language-based communication.

DESCRIPTION OF DRAWING(S) - The figure shows schematic block diagram of negotiation process.

pp; 53 DwgNo 1/7

Title Terms: AUTOMATIC; NEGOTIATE; PROCEDURE; PURCHASE; GOODS; SERVICE;

OFFER; DISCOUNT; USER; NEURAL; NETWORK; PRICE; OFFER

Derwent Class: T01; T05

International Patent Class (Main): G06F-000/00; **G06F-017/60**

File Segment: EPI

16/5/26 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013051510 **Image available**

WPI Acc No: 2000-223364/200019

XRPX Acc No: N00-167396

**Providing electronic shoppers with a virtual shopping experience by
creating customer-persona facilitating a personal association and
involving a sales adviser or agent**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: GREEF A R; HRELIC D; SHUMACHER J F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6032129	A	20000229	US 97924520	A	19970906	200019 B

Priority Applications (No Type Date): US 97924520 A 19970906

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6032129	A		10	G06F-017/60	

Abstract (Basic): US 6032129 A

NOVELTY - A shopper (205) provides input regarding the personal characteristics of the potential recipient of the intended purchase, which interact with persona and persona-catalog content affinities (204), creating an imaginary 'customer-actor' (206). The shopper further commissions a specific computer-based 'sales agent' (206A) to provide advice to the customer-actor based on the specific needs and shopping personality. The customer-actor provides advice on catalog navigation and product application and functions.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an electronic catalog and for a computer program product.

USE - Providing electronic shoppers with a virtual shopping experience.

ADVANTAGE - Advising on catalog navigation and providing personalized sales advice.

DESCRIPTION OF DRAWING(S) - The drawing demonstrates the provisions of a **virtual** shopping experience for the **sales representatives** and shopper

Shopper (205)

Contents affinities (204)

Customer-actor (206)

Sales agent (206A)

pp; 10 DwgNo 2/6

Title Terms: ELECTRONIC; SHOPPING; VIRTUAL; SHOPPING; EXPERIENCE; CUSTOMER;
FACILITATE; PERSON; ASSOCIATE; SALE; AGENT

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

16/5/27 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012965600 **Image available**

WPI Acc No: 2000-137451/200012

XRPX Acc No: N00-102755

**Virtual sales representative system for on-line shopping via
internet**

Patent Assignee: ACTIVEPOINT LTD (ACTI-N); ACTIVE-POINT LTD (ACTI-N);
FRIEDMAN M M (FRIE-I)

Inventor: BEN A G; SHEVCHENKO V; TAVOR O; AVRAHAM G B

Number of Countries: 087 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200003329	A1	20000120	WO 99US14994	A	19990702	200012 B
AU 9949662	A	20000201	AU 9949662	A	19990702	200028
US 6070149	A	20000530	US 98109726	A	19980702	200033

display which displays current bidding price in number of currencies
Patent Assignee: VISUAL TECHNOLOGY PTY LTD (VISU-N)
Inventor: NOBLETT A P; ROSS R T; VOGEL M R
Number of Countries: 002 Number of Patents: 002 *either one*
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2315579	A	19980204	GB 9715805	A	19970725	199808 B
AU 9730141	A	19980205	AU 9730141	A	19970723	199813

Priority Applications (No Type Date): AU 961237 A 19960725

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2315579	A	13	G06F-017/60	
AU 9730141	A		G06F-017/60	

Abstract (Basic): GB 2315579 A

The auction bidding apparatus includes a user interface for an auction controller to enter bid information into the computer system during an auction. The user interface includes a number of icons containing possible future bids for the auction, and icons which are to be activated when one of a group of events occurs, The events include the auction item being sold at the auction, the auction item being sold prior to the auction, the auction item being withdrawn by the seller, the auction item being passed in below a reserve, and the auction item having no bids from bidders at the auction.

A database holds lots of objects to be auctioned and the interface allows a user to conduct an auction for each lot. A visual display unit is connected to the computer system for displaying a current bidding price during the auction. The current bidding price is displayed in a number of currencies, along with bidding historical data for the auction.

ADVANTAGE - Recording of bids is streamlined and information is made available in many different formats to audience to increase possible pace of repetitive interaction and cognition between audience and auctioneer to increase levels of excitement and heighten tension to increase bidding price.

Dwg.1/3

Title Terms: COMPUTER; AID; AUCTION; BID; APPARATUS; USER; INTERFACE; AID; AUCTION; VISUAL; DISPLAY; DISPLAY; CURRENT; BID; PRICE; NUMBER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

File Segment: EPI

16/5/29 (Item 23 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

008791805 **Image available**
WPI Acc No: 1991-295820/199140
XRPX Acc No: N91-226576

Computerised order management system for market brokers - uses broker work-station which selectively displays order information, representation of order deck, and total market orders

Patent Assignee: CHICAGO BOARD TRADE (CHIC-N); CHICAGO BOARD OF TR (CHIC-N)
Inventor: BROGAN J J; GUTTERMAN B J; PALENIK T; PANEK D; WU S; WU S R;
PELENIK T

Number of Countries: 016 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9114231	A	19910919				199140 B
AU 9174932	A	19911010				199201
EP 471063	A	19920219	EP 91906040	A	19910306	199208
JP 4507159	W	19921210	JP 91506197	A	19910306	199304
			WO 91US1595	A	19910306	
US 5297031	A	19940322	US 90489196	A	19900306	199411

AU 653147	B	19940922	AU 9174932	A	19910306	199439
EP 471063	A4	19930804	EP 91906040	A	19910000	199527
EP 471063	B1	19970730	EP 91906040	A	19910306	199735
			WO 91US1595	A	19910306	
DE 69127033	E	19970904	DE 627033	A	19910306	199741
			EP 91906040	A	19910306	
			WO 91US1595	A	19910306	
JP 3002532	B2	20000124	JP 91506197	A	19910306	200009
			WO 91US1595	A	19910306	

Priority Applications (No Type Date): US 90489196 A 19900306

Cited Patents: 04 90320100; 04 94261600; Jnl.Ref; EP 388162; EP 434224; GB 2165421; 00 9.Jnl.Re

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 9114231	A		47		
------------	---	--	----	--	--

Designated States (National): AU JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE

JP 3002532	B2		17	G06F-017/60	Previous Publ. patent JP 4507159
					Based on patent WO 9114231

EP 471063	A				
-----------	---	--	--	--	--

Designated States (Regional): DE FR GB

JP 4507159	W			G06F-015/21	Based on patent WO 9114231
------------	---	--	--	-------------	----------------------------

US 5297031	A		17	G06F-015/20	
------------	---	--	----	-------------	--

AU 653147	B			G06F-015/21	Previous Publ. patent AU 9174932
					Based on patent WO 9114231

EP 471063	B1 E	22		G06F-017/60	Based on patent WO 9114231
-----------	------	----	--	-------------	----------------------------

Designated States (Regional): DE FR GB

DE 69127033	E			G06F-017/60	Based on patent EP 471063
-------------	---	--	--	-------------	---------------------------

Based on patent WO 9114231

Abstract (Basic): WO 9114231 A

The system comprises a broker work station for managing orders in a market for trading commodities and other items, a device for selectively displaying order information (12), a computer for receiving the orders and controlling the displays; and an input device for entering orders into the computer.

The display shows selected order information about each incoming order, a **representation** of the order deck (135) and total **market** orders (133). The work station also selectively **displays** order information incoming to the work station, accepts or rejects orders corresponding to the incoming order information displayed, **displays** accepted order information in a **representation** of a **broker** deck, and selectively **displays** a total of orders at the **market** price.

ADVANTAGE - Reduction in paperwork and back office costs.

Dwg.1/3

Title Terms: COMPUTER; ORDER; MANAGEMENT; SYSTEM; MARKET; WORK; STATION; SELECT; DISPLAY; ORDER; INFORMATION; REPRESENT; ORDER; DECK; TOTAL; MARKET; ORDER

Derwent Class: T01

International Patent Class (Main): G06F-015/20; G06F-015/21; **G06F-017/60**

File Segment: EPI

9/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

7156173 INSPEC Abstract Number: B2002-02-7260-008

Title: Market trends in the projection display industry

Author(s): Dash, S.

Author Affiliation: Stanford Resources Inc, San Jose, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE--Int. Soc. Opt. Eng. (USA)

vol.4294 p.1-12

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 2001 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2001)4294L:1:MTPD;1-6

Material Identity Number: C574-2001-161

U.S. Copyright Clearance Center Code: 0277-786X/01/\$15.00

Conference Title: Projection Displays VII

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 24-25 Jan. 2001 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Economic aspects (E)

Abstract: The projection **display** industry **represents** a multibillion-dollar **market** that includes four distinct technologies. High-volume consumer products and high-value business products drive the market, with different technologies being used in **different** application markets. The **consumer** market is dominated by rear CRT technology, especially in the projection TV segment. Rear LCD (liquid crystal display), MEMS/DLP (or Digital Light Processing/sup TM/) and LCOS (Liquid-crystal-on-silicon) TVs are slowly emerging as future competitors to rear CRT projectors. Front CRT projectors are also facing challenges from LCD and DLP technology for the home theater market while the business market is completely dominated by front LCD and DLP technology. Three-chip DLP projectors have replaced liquid crystal light valves in large venue applications where projectors have higher light output requirements. In recent years front LCD and LCOS projectors have been increasingly competing with 3-chip DLP projectors especially at the low end of the large venue application market. Within the next five years the projection market will experience very fast growth. Sales and presentation applications, which are the fastest growing applications in the business market, will continue to be the major driving force for the growth for front projectors, and the shift in the consumer market to digital and HDTV products will drive the rear projection market.

Subfile: B

Descriptors: consumer electronics; display devices; economics; marketing; optical projectors

Identifiers: projection display industry; market trends; consumer market; rear CRT technology; projection TV segment; liquid crystal display; rear LCD; LCOS projectors; front CRT projectors; DLP technology; liquid-crystal-on-silicon

Class Codes: B7260 (Display technology)

Copyright 2002, IEE

9/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

7121520 INSPEC Abstract Number: C2002-01-1290D-120

Title: Monopoly and oligopoly led by an invisible hand

Author(s): Onozaki, T.; Yanagita, T.

Author Affiliation: Dept. of Econ., Asahikawa Univ., Japan

Conference Title: Proceedings Fourth International Conference on Computational Intelligence and Multimedia Applications. ICCIMA 2001 p. 19-23

Editor(s): Verma, B.; Namatame, A.; Yao, X.; Selvaraj, H.; de Carvalho, A.; Ohuchi, A.

Publisher: IEEE, Los Alamitos, CA, USA

Publication Date: 2001 Country of Publication: USA xi+433 pp.

ISBN: 0 7695 1312 3 Material Identity Number: XX-2001-02501

U.S. Copyright Clearance Center Code: 0-7695-1312-3/01/\$10.00

Conference Title: Proceedings Fourth International Conference on Computational Intelligence and Multimedia Applications. ICCIMA 2001

Conference Date: 30 Oct.-1 Nov. 2001 Conference Location: Yokusika City, Japan

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: A simple **virtual market** economy is **simulated**, and the emergence of monopoly or oligopoly as a result of competition is shown, which traditional microeconomics fails to explain because it essentially lacks a dynamical structure. The model contains **many consumers** and producers, who are boundedly rational in the sense that they face the information limit and cannot calculate the optimum consumption or production. Therefore, they behave habitually or adaptively. Only a single commodity is produced and purchased, but there is the product differentiation that is described in the form of a consumer's habituation. A consumer has her favorite product and she always compares its price with a price of another product. She purchases her favorite commodity unless its price is too much higher than another's. A producer produces and sets a price on commodities so as to chase higher profit, not to maximize them. This profit-chasing behavior is described with the aid of the hill-climbing method: a producer revises his production and price to the direction where profit becomes higher. Monopoly or oligopoly emerges according to two key parameters, i.e., the robustness of the consumer's habit and the inertia of the producer's revision.

Subfile: C

Descriptors: adaptive systems; economic cybernetics; optimisation

Identifiers: monopoly; oligopoly; **virtual market** economy **simulation**; competition; microeconomics; dynamical structure; information limit; optimum consumption; product differentiation; consumer habit; favorite commodity; higher profit; profit-chasing behavior; hill-climbing method; producer revision

Class Codes: C1290D (Systems theory applications in economics and business); C1180 (Optimisation techniques); C1240 (Adaptive system theory)

Copyright 2001, IEE

9/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6743713 INSPEC Abstract Number: B2000-12-6430-004

Title: Market trends in the projection display industry

Author(s): Dash, S.

Author Affiliation: Stanford Resources Inc., San Jose, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)

vol.3954 p.2-11

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 2000 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2000)3954L:2:MTPD;1-E

Material Identity Number: C574-2000-157

U.S. Copyright Clearance Center Code: 0277-786X/2000/\$15.00

Conference Title: Projection Displays 2000: Sixth in a Series

Conference Sponsor: IS&T; SPIE

Conference Date: 24-25 Jan. 2000 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Economic aspects (E); General, Review (G)

Abstract: The projection display industry represents a multibillion-dollar market that includes four distinct technologies. High-volume consumer products and high-value business products drive the market, with different technologies being used in different application markets. The consumer market is dominated by rear CRT technology, especially in the projection television segment. But rear LCD (liquid crystal display) and rear reflective (DLP, or Digital Light Processing/sup TM/) televisions are slowly emerging as future competitors to rear CRT projectors. Front CRT projectors are still popular in the high-end home theater market. Front LCD technology and front DLP technology dominate the business market. Traditional light valve technology was the only solution for applications requiring high light outputs, but new three-chip DLP projectors meet the higher light output requirements at a lower price. In the last few years the strongest growth has been in the business market for multimedia presentation applications. This growth was due to the continued increase in display pixel formats, the continued reduction in projector weight, and the improved price/performance ratio. The projection display market will grow at a significant rate during the next five years, driven by the growth in ultraportable (<10 pound) projectors and the shift in the consumer market to digital and HDTV products. (1 Refs)

Subfile: B

Descriptors: cathode-ray tube displays; digital television; high definition television; liquid crystal displays; multimedia communication; optical projectors; television applications

Identifiers: projection display industry; high-volume consumer products; consumer market; rear CRT; rear LCD; liquid crystal display; rear reflective television; DLP; digital light processing; front CRT projectors; home theater market; front LCD technology; front DLP technology; multimedia presentation; projection display market; ultraportable projectors; HDTV products

Class Codes: B6430 (Television equipment, systems and applications); B6210R (Multimedia communications); B6220F (ISDN and multimedia terminal equipment); B4150D (Liquid crystal devices); B7260F (Display equipment and systems); B2360 (Electron beam scanned tubes)

Copyright 2000, IEE

9/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6532013 INSPEC Abstract Number: C2000-04-7480-146

Title: Virtual design as integral component of the virtual engineering concept

Author(s): Rix, J.; Schroeder, K.

Author Affiliation: Fraunhofer Inst. for Graphic Data Process., Darmstadt, Germany

Journal: Industrie Management vol.16, no.1 p.70-5

Publisher: GITO-Verlag,

Publication Date: 2000 **Country of Publication:** Germany

CODEN: IDMAF6 **ISSN:** 1434-1980

SICI: 1434-1980(2000)16:1L:70:VDIC;1-T

Material Identity Number: F241-2000-001

Language: German **Document Type:** Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The article presents flow diagrams for world-wide distributed virtual engineering and refers to the STEP (Standard for Exchange and Representation of Product Model Data) system. Virtual engineering applications are described, including 3D and augmented reality, with images displayed on multiple projection screens. Applications of augmented virtual reality to simulation of assembly operations of automobile door mechanisms are discussed. It also discusses "tele-co-operation" between users in different locations and at different times, to provide advantages over physical prototypes. (4 Refs)

Subfile: C

Descriptors: augmented reality; digital simulation; electronic data interchange; engineering graphics; groupware; production engineering

computing

Identifiers: flow diagrams; world-wide distributed virtual engineering; STEP; virtual engineering; virtual design; 3D reality; augmented reality; multiple projection screens; image display; assembly operation simulation; automobile door mechanisms; tele-co-operation

Class Codes: C7480 (Production engineering computing); C6130V (Virtual reality); C6185 (Simulation techniques); C6130E (Data interchange); C6130G (Groupware)

Copyright 2000, IEE

9/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5883428 INSPEC Abstract Number: C9805-7120-017

Title: Electronic commerce-a comparative study of Web-based database access

Author(s): Eberhardt, R.; Ruess, C.; Sinner, C.; Scherand, H.

Author Affiliation: Daimler-Benz AG, Germany

Conference Title: ISS'97: World Telecommunications Congress. 'Global Network Evolution: Convergence or Collision?'. Proceedings Part vol.2 p.97-104 vol.2

Publisher: Pinnacle Group, Toronto, Ont., Canada

Publication Date: 1997 Country of Publication: Canada 2 vol. (xxxiv+591+633) pp.

Material Identity Number: XX97-03299

Conference Title: Proceedings of ISS'97 International Switching Symposium

Conference Sponsor: Alcatel Canada; Bell Canada; BC Tel; Island Telephone Co.; Manitoba Telecom Serv.; et al

Conference Date: 21-26 Sept. 1997 Conference Location: Toronto, Ont., Canada

Availability: The Pinnacle Group, 2 Pardee Avenue, Suite 300, Toronto, Ont. M6K 3H5, Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The commercial use of the World-Wide Web (WWW) is gaining a lot of attention by service providers of electronic **markets**. Potential customers use their browser as a **graphical user interface (GUI)** to a high-quality multimedia **representation** of products and services. Beneath this front-end lays a complex database containing a varying mixture of graphics, text and even audio and video. Heavy traffic loads and regionally **different consumer** demands imply the use of distributed databases. The recent development of CORBA products for Java allows the establishment of distributed systems within the Internet and intranet. This, combined with easier development of portable client software, makes the borders between conventional distributed systems and the WWW disappear more and more. In this context, the interface between the HTTP server and the database systems is one of the technical key issues. This paper compares several mechanisms for accessing multimedia database systems in terms of architectural concepts, deployment scenarios and experiences with a prototypical implementation. (14 Refs)

Subfile: C

Descriptors: business data processing; distributed databases; financial data processing; graphical user interfaces; Internet; multimedia computing; online front-ends

Identifiers: electronic commerce; database access; World-Wide Web; WWW; service providers; electronic markets; graphical user interface; GUI; multimedia representation; front-end; traffic loads; distributed databases; CORBA products; Java; Internet; intranet; portable client software; HTTP server

Class Codes: C7120 (Financial computing); C6160B (Distributed databases); C6180G (Graphical user interfaces); C7210 (Information services and centres); C7250N (Front end systems for online searching); C6130M (Multimedia)

Copyright 1998, IEE

9/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5658401 INSPEC Abstract Number: C9709-7170-009

Title: An agent-based computational model for the evolution of trade networks

Author(s): McFadzean, D.; Tesfatsion, L.

Author Affiliation: Kumo Software Corp., Calgary, Alta., Canada

Conference Title: Evolutionary Programming VI. 6th International Conference, EP97. Proceedings p.73-83

Editor(s): Angeline, P.J.; Reynolds, R.G.; McDonnell, J.R.; Eberhart, R.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1997 Country of Publication: Germany x+456 pp.

ISBN: 3 540 62788 X Material Identity Number: XX97-00863

Conference Title: Evolutionary Programming VI. 6th International Conference, EP97. Proceedings

Conference Sponsor: IEEE

Conference Date: 13-16 April 1997 Conference Location: Indianapolis, IN, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Economic aspects (E); Practical (P); Theoretical (T)

Abstract: This paper describes an agent-based computational model for studying the formation and evolution of trade networks in decentralized market economies. A virtual economic world is constructed, populated by heterogeneous endogenously interacting traders with internalized data and modes of behaviour. This virtual world can be used to study the formation and evolution of trade networks under alternatively specified market structures at three different levels of analysis: individual trade behaviour, trade interaction patterns, and social welfare. (7 Refs)

Subfile: C

Descriptors: commerce; cooperative systems; game theory; genetic algorithms; marketing data processing; socio-economic effects; software agents

Identifiers: agent-based computational model; trade networks; evolution; decentralized market economies; virtual economic world; heterogeneous endogenously interacting traders; individual trade behaviour; trade interaction patterns; social welfare

Class Codes: C7170 (Marketing computing); C6170 (Expert systems); C1290D (Systems theory applications in economics and business); C1180 (Optimisation techniques); C1140E (Game theory); C1230 (Artificial intelligence)

Copyright 1997, IEE

9/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5456978 INSPEC Abstract Number: C9702-7440-030

Title: Virtual reality in an integrated construction environment

Author(s): Faraj, I.; Alshawi, M.

Author Affiliation: Dept. of Surveying, Salford Univ., UK

Conference Title: Information Processing in Civil and Structural Engineering Design p.177-81

Editor(s): Kumar, B.

Publisher: Civil-Comp Press, Edinburgh, UK

Publication Date: 1996 Country of Publication: UK v+270 pp.

ISBN: 0 948749 39 3 Material Identity Number: XX96-03589

Conference Title: International Conference on Information Technology in Civil and Structural Engineering Design. Information Processing in Civil and Structural Engineering Design

Conference Date: 14-16 Aug. 1996 Conference Location: Glasgow, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The issue of the management of information within an Integrated

Computer Environment (ICE) must be addressed to ensure successful implementation of such environments. This paper briefly discusses a PC based integrated environment and highlights a distributed framework for VR integration with its main project model. As more applications are integrated more computer resources will be required. In order to improve the performance of the environment, the VR application is made to run on a separate PC from other applications. The two PCs are networked and information between the VR application and the project models can be exchanged over the network. Such approach enables different users at different locations to access the project data. (6 Refs)

Subfile: C

Descriptors: architectural CAD; building; virtual reality

Identifiers: integrated construction environment; virtual reality;
project model; distributed framework; VR integration; project data

Class Codes: C7440 (Civil and mechanical engineering computing); C6130B (Graphics techniques)

Copyright 1996, IEE

9/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

5437579 INSPEC Abstract Number: C9701-7108-002

Title: **A CASE for electronic documentary dossier**

Author(s): Hung Wing; Colomb, R.M.

Author Affiliation: Dept. of Comput. Sci., Queensland Univ., Brisbane, Qld., Australia

Conference Title: Proceedings Sixth Australian Conference on Computer-Human Interaction p.86-93

Editor(s): Grundy, J.; Apperley, M.

Publisher: IEEE Computer. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1996 Country of Publication: USA xv+351 pp.

ISBN: 0 8186 7525 X Material Identity Number: XX96-03375

U.S. Copyright Clearance Center Code: 0 8186 7525 X/96/\$05.00

Conference Title: Proceedings Sixth Australian Conference on Computer-Human Interaction

Conference Sponsor: Comput.-Human Interaction Special Interest Group of the Ergonomics Soc. of Australia

Conference Date: 24-27 Nov. 1996 Conference Location: Hamilton, New Zealand

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: This paper proposes a graphical UI, a CASE tool, for the purpose of specifying and representing trade information, common in electronic commerce. The semantic and structural information associated with trade instances can be extremely complex. For example, the formal property of Petri nets can be used to represent the different traders' roles or to identify the various trade procedures that will lead to deadlock situations. A simple and intuitive graphical user interface that can represent and characterize the organization of the trade documents is therefore considered useful in facilitating electronic commerce. (19 Refs)

Subfile: C

Descriptors: computer aided software engineering; document handling; graphical user interfaces; Petri nets; software tools

Identifiers: CASE tool; graphical user interface; trade information; electronic commerce; structural information; semantic information; Petri nets; deadlock situations; electronic documentary dossier

Class Codes: C7108 (Desktop publishing); C6110B (Software engineering techniques); C6115 (Programming support); C6130B (Graphics techniques); C6180G (Graphical user interfaces)

Copyright 1996, IEE

9/5/9 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01705233 ORDER NO: AAD99-30793

MARKET MECHANISMS FOR NETWORK RESOURCE SHARING (DISTRIBUTED MARKET, PROGRESSIVE SECOND PRICE, AUCTION)

Author: SEMRET, NEMO

Degree: PH.D.

Year: 1999

Corporate Source/Institution: COLUMBIA UNIVERSITY (0054)

Sponsor: A. A. LAZAR

Source: VOLUME 60/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2276. 144 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; COMPUTER SCIENCE
; ECONOMICS, THEORY

Descriptor Codes: 0544; 0984; 0511

The theme of this thesis is the design and analysis of decentralized and distributed market mechanisms for resource sharing in multiservice networks. The motivation for a market-based approach is twofold. First, in modern multiservice networks, resources such as bandwidth and buffer space have **different** value to **different users**, and these valuations cannot, in general, be accurately known in advance as users compete against each other for the resources. Second, the network resources themselves are distributed, and often, not subject to any single authority.

We present the Progressive Second Price auction (PSP), a new decentralized mechanism for allocating variable-size shares of a resource among **multiple users**. Under elastic demand, the PSP auction is incentive compatible and stable, in that it has a "truthful" ϵ -Nash equilibrium where all players bid at prices equal to their marginal valuation of the resource. PSP is efficient in that the equilibrium allocation maximizes total user value. In a dynamic setting, we derive a bound on the time to converge to equilibrium, when users are using an optimal normal form strategy. We then extend the PSP auction to be applied by independent resource sellers on each element of a network with arbitrary topology, with players having arbitrary but fixed routing/provisioning constraints. We derive an optimal truthful strategy for coordinated bidding for a player participating in auctions on multiple resource elements, and show that the equilibrium and efficiency results still hold. We also show how our networked **auction model** can apply to **virtual networks**, **virtual paths**, edge capacity allocation networks.

We then turn our attention to the problem of reservations and admission control for connection oriented network services. We propose a new approach to pricing of capacity in service systems with blocking, using spot and derivative market mechanisms. A second-price auction among arrivals grouped in batches gives rise to the *spot market* of usage charges. A reservation guaranteeing access for an arbitrary duration with a usage price below the bid can be made at any time before or during service, thus eliminating the risk inherent to the spot market of being dropped before service completion. We define the reservation as a *hold option*, which is analogous to derivative financial instruments (e.g. options, futures) integrated over time. Based on a heavy-traffic diffusion model for the corresponding two-stage queueing system, we compute the reservation fee as the fair market price of a hold option. We validate this approach with simulations driven by a real traffic trace at a dial-up Internet access modem-pool.

Finally, we present a decentralized, distributed, flexible software architecture implementing the above pricing systems.

9/5/10 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01698107 ORDER NO: AAD99-29269

THE DESIGN AND DEVELOPMENT OF HELPER, A CONSTRUCTIVIST LESSON PLAN WEB RESOURCE TO MODEL TECHNOLOGY INTEGRATION FOR TEACHERS (HOUSTON LESSON PLAN EXCHANGE AND RESOURCE)

Author: DRISKELL, TRUDY LYNN
Degree: ED.D.
Year: 1999
Corporate Source/Institution: UNIVERSITY OF HOUSTON (0087)
Adviser: SARA MCNEIL
Source: VOLUME 60/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 1092. 305 PAGES
Descriptors: EDUCATION, TECHNOLOGY ; EDUCATION, CURRICULUM AND
INSTRUCTION ; EDUCATION, TEACHER TRAINING
Descriptor Codes: 0710; 0727; 0530

Over the past several years information technology, especially computer technology, has altered the way many aspects of modern society function. However, one area that has not been as heavily influenced by the information revolution is education. For over 100 years the process of teaching in many classrooms has remained virtually unchanged. Some educators see considerable promise in the current generation of information technology, but the promise has not yet become a real influence on the daily professional practice of American teachers (OTA, 1995).

The purpose of this dissertation was to develop an electronic resource to help educators, particularly classroom teachers and preservice teacher education students, integrate technology into their curriculum. The resource is a **Web site**, the Houston Educator Lesson Plan **Exchange** and Resource (HELPER), which contains lesson plans as **models** for teachers.

The work developed here has been guided by the constructivist framework. More specifically, situated cognition in the tradition of Brown, Collins, & Duguid (1989) is used. Constructivist paradigms of teaching and learning are particularly appropriate at this point in the development of American society. The constructivist integration of technology into the classroom can provide teachers with the power to create, customize, and modify the learning environment in ways that empower and support student-centered learning. The shift from teacher-centered to student-centered learning models is particularly crucial in an era when knowledge will emerge many times over the lifespan of a student.

There are two aspects to the creation of the lesson plan Web site: the development of the lesson plans and the creation of the hypermedia Web site for the lessons. Both were created using a constructivist approach to instructional design. The design model used for the Web site was the Recursive, Reflective Design and Development Model (R2D2) (Willis, 1995). The model provided the beginning framework for a reflective, recursive design process that focused on a participatory team that shaped and molded the product. The development team had two types of members, experts and potential end **users**. **Several** types of data were gathered including interviews, observations, and debriefings; the formative data gathered was used in the successive revisions and reformations of the product.

9/5/11 (Item 1 from file: 233)
DIALOG(R) File 233:Internet & Personal Comp. Abs.
(c) 2002 Info. Today Inc. All rts. reserv.

00556044 99TV12-001

The buzz: ``enterprise information portal'' -- Want soundproofing? Read on

Trowbridge, Dave

Computer Technology Review , December 1, 1999 , v19 n12 p1, 18-20, 3
Page(s)

ISSN: 0278-9647

Company Name: BroadQuest; ThoughtStar

URL: <http://www.broadquest.com> <http://www.thoughtstar.com>

Product Name: myEnterprise: Sales; QuickTeam 99

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Describes the offerings of BroadQuest Inc. of San Jose, CA, and ThoughtStar Inc. of Sandy, UT, as alternative approaches to the information sharing **model** touted by enterprise information **portals** (EIPs). Says

that BroadQuest's myEnterprise: Sales application provides account managers with a single view of live **customer** information from **multiple** back-end systems without a middleware layer. Explains that the myEnterprise: Sales is composed of three parts: Broker based on the Common Object Request Broker Architecture (CORBA), Redundant Array of Inexpensive Computers (RAIC), and the secure and scalable Portal. Mentions that ThoughtStar's QuickTeam 99 is a Java-based collaborative application designed for teams of up to 2,000 users and features a bundled Web server, database, customization options, and interoperability with existing groupware. (MEM)

Descriptors: Portals; Information Management; Customer Support; Collaboration; Workgroup Computing; CORBA; Enterprise Computing
Identifiers: myEnterprise: Sales; QuickTeam 99; BroadQuest; ThoughtStar

9/5/12 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2002 Info. Today Inc. All rts. reserv.

00489688 98IE03-212

Net's a breeding ground for free-market pricing

Andrews, Whit

Internet World , March 16, 1998 , v4 n10 p19, 1 Page(s)

ISSN: 1081-3071

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

BUYING & SELLING column foresees the eventual demise of the list price concept, compliments of the Internet. Says the rise of Internet auction sites is only a first step in a process that must eventually challenge business model-makers to learn the benefits of on-the-spot pricing. Notes the disappearance of a base price may cause considerable consternation for some **consumers** and **many** businesses, but says savvy merchants will position themselves to be competent in new, more complex economic **models** before they emerge. Concludes, ``Learning how to teach a **Web site** the alacrity that a **sales representative** can use to close a sale might change the way we buy and sell nearly everything.'' (JC)

Descriptors: Electronic Commerce; Price; Internet

9/5/13 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00133358 DOCUMENT TYPE: Review

PRODUCT NAMES: Atlas Metaprise Software (005291); TradeMatrix (017396)

TITLE: What's in it for me? Saturn Electronics...find value-added services..

AUTHOR: Dilger, Karen Abramic

SOURCE: MSI, v19 n8 p44(4) Aug 2001

ISSN: 0748-9488

HOME PAGE: <http://www.manufacturingsystems.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Joy Mining Machinery, a manufacturer and distributor of mining machinery, has developed the eMinePortal, a private trade exchange. The online exchange allows the mining industry to conduct transactions locate and purchase items, view inventory, and collaborate with one another. Users access the portal through a secure Web site, and can configure the portal to display news and content specific to their interests. The portal is powered by Atlas Commerce's Atlas Metaprise software, a trade exchange

system. Atlas gives the portal's users the ability to source vital parts quickly, and view inventory directly, without having to go through the purchase order process. The **portal**, like most private **trade exchanges**, uses a hub-and-spoke **model**, where a central hub company hosts the exchange and partner companies can connect to it via Web browsers. The Atlas software automates strategic sourcing and can manage complex negotiations between **multiple parties**. It works best with pre-established relationships. Hub enterprises and suppliers can also use i2 Technologies' TradeMatrix exchange solution to reach new marketplaces.

COMPANY NAME: Atlas Commerce Inc (682217); i2 Technologies Inc (539864)
SPECIAL FEATURE: Charts
DESCRIPTORS: Portals; Mining; E-Commerce; B2B Marketplaces
REVISION DATE: 20011230

9/5/14 (Item 2 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00127695 DOCUMENT TYPE: Review

PRODUCT NAMES: LivePerson (025909)

TITLE: Live Internet Service Set To Capture Customer Attention
AUTHOR: Waltner, Charles
SOURCE: Information Week, v815 p174(4) Dec 4, 2000
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

LivePerson, an application hosting service, provided World Wide Web site The Wedding List with a live chat application that assists in answering many questions from shoppers seeking gifts. Because The Wedding List's customer base is 'extremely **customer**-care intensive,' **many** consultants are available to chat with customers. Today, 85 percent of couples use the chat feature, and The Wedding List realized a 120 percent increase in **sales** when LivePerson's **icon** was added to the front **Web page** in June 2000. LivePerson has over 800 customers using a network of high-speed server clusters and uses Java messaging service among other technologies to assist in management of chat session flow. Many other companies are finding that live Internet customer service products can help retain customers and bring in new ones by providing live text chat (instant messaging), collaborative browsing, Internet telephony, page pushes, form sharing, and file pushes. Live chat is now the most widely used of those tools. E-mail and toll-free telephone lines are still the most universal customer service communication venue. However, online text chat rose significantly in 2000 with almost 33 percent of respondents to a survey saying they will offer online chat as a choice for customer communication in the 2000 end-of-year holiday season.

COMPANY NAME: LivePerson (683248)
DESCRIPTORS: Web Hosting; Electronic Customer Service; Conferencing;
E-Commerce; Retailers
REVISION DATE: 20011130

9/5/15 (Item 3 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00126371 DOCUMENT TYPE: Review

PRODUCT NAMES: Enterprise Application Integration (EAI) (841331); B2B

Marketplaces (842338)

TITLE: Digital Community eAI
AUTHOR: Creamer, Mark F
SOURCE: eAI Journal, v2 n7 p70(4) Jul/Aug 2000
HOME PAGE: <http://www.eaijournal.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Common Object Request Broker (CORBA), Microsoft Component Object Model (COM), Hypertext Transfer Protocol (HTTP), and XML are highlighted in a discussion of the many tools available for business-to-business (B2B) e-commerce. Increasing numbers of choices are available, especially in the Internet-based procurement market. Although sell-side B2B emphasizes the look and feel of a catalog and the relationship between distributor and consumer, the buy-side view focuses more on the business model than technology. Digital trading communities apply the application service provider (ASP) model to B2B concepts to create a portal where multiple traders have their activities coordinated. Some portals specialize in particular products and also provide industry-specific services. A combined catalog of products from many participating suppliers can be searched. Shipping activities are coordinated with payment validation processes. Topics covered include micro- and macro-process automation and communities of common interest. Enterprise application integration (EAI) automates internal processes so that businesses' responses to partners are faster and can generate revenue-enhancing business events faster. EAI coordinates all participating organizations and is deployed from the hub of a trading community.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Integration Software; Middleware; B2B Marketplaces; Business Models; E-Commerce; Communications Protocols; Enterprise Application Integration
REVISION DATE: 20010830

9/5/16 (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00125772 DOCUMENT TYPE: Review

PRODUCT NAMES: SageMaker Financial Portal (018996); SageMaker 4.0 (019038)

TITLE: SageMaker takes aim at financial services
AUTHOR: Staff
SOURCE: KM World, v9 n6 p1(2) Jul/Aug 2000
ISSN: 1060-894X
HOME PAGE: <http://www.KMonline.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

SageMaker 4.0 is the engine in back of SageMaker's SageMaker Financial Portal, which grants permission to view information based on a user's role. SageMaker Financial Portal cuts costs because people sometimes must subscribe to data that is not needed by everyone. SageMaker Financial Portal solves a particular business problem by providing people with targeted information quickly. Instead of requiring Wall Street users to go to multiple dedicated connections to use various information sources, including Primark and Bloomberg, they can get all the data streams needed from SageMaker Financial Portal. SageMaker's target market for

SageMaker Financial **Portal** is the Wall Street employee who works off the **trading** floor. SageMaker currently uses an application service provider (ASP) **model** with over 300 separate news sources to which users can subscribe, along with research reports and many applications. SageMaker can also install its software on users' sites so that consultants and internal IT departments can construct gateways to internal data sources and use the SageMaker front end for displaying data. The SageWave 4.0 engine provides buss architecture, which is a new way to manage multiple databases. SageBuss de-couples front and back ends through a middleware layer. When a person enters a query, the query travels along the buss, and any resource connected to the buss alerts data using eXtensible Markup Language (XML), reports that data is available about that topic, then checks to see if the user is authorized to see it.

COMPANY NAME: SageMaker Inc (655996)
DESCRIPTORS: Portals; ASP (Application Service Providers); Push Technology
; Intranets; News Services; XML; Stock Market; Financial Information
REVISION DATE: 20010430

9/5/17 (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00124531 DOCUMENT TYPE: Review

PRODUCT NAMES: Company - Oracle Corp (850233)

TITLE: Oracle's ASP alteration
AUTHOR: Maselli, Jennifer
SOURCE: Information Week, v791 p22(3) Jun 19, 2000
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Company

Oracle will reveal in the next few weeks that it will license enterprise applications to third-party application service providers (ASPs), although Larry Ellison said last year that Oracle would not do so. The Oracle Business OnLine unit shows signs it is searching for an appropriate model for profitable application delivery in the evolving ASP market. Oracle is becoming aware that customers want assistance with application integration and customization, and that Oracle's service and support could be better. Oracle, which is an ASP itself, is not the only one experiencing market pressures. A recent survey of users indicates that they are only moderately happy with their ASP services. When Oracle set up business online in 1998, its plan was to manage applications internally and to be the only vendor of Oracle applications. However, Oracle has decided to pre-integrate widely used third-party applications with its own, and will also provide some customization services. According to Oracle Executive VP Gary Bloom, the vendor will have branded Business OnLine partners and will optimize use of their data centers, infrastructure, and services. Partners will be allowed to sell applications other than Oracle's and can integrate **many** third-party applications and customize **GUIs**. Oracle's analysis of the ASP **market**, which resulted in the new business **model**, is explained.

COMPANY NAME: Oracle Corp (010740)
SPECIAL FEATURE: Graphs
DESCRIPTORS: Software Marketing; ASP (Application Service Providers);
Database Management; Oracle
REVISION DATE: 20000930

9/5/18 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00123981 DOCUMENT TYPE: Review

PRODUCT NAMES: Telecommunications (830210); Portals (840564)

TITLE: Online portals offer bandwidth and voice services

AUTHOR: Turek, Norbert

SOURCE: Information Week, v784 p148(4) May 1, 2000

ISSN: 8750-6874

HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Telecom-services portals, such as Telezoo.com, Demandline.com, and Telco Exchange, join buyers and sellers of bandwidth and voice services through automated requests for proposals (RFPs) and quotes. They can also provide collective buying power, which is especially attractive to many small businesses. Many of these portals use the one-to-one auction model or the auction-aggregator model, and others are exchanges that create efficiencies for high-end bandwidth providers and customers by the sale and provision of surplus bandwidth. Most of the sites offer their services free to buyers, garnering their revenue from commissions from the sellers. Telezoo.com was founded in 1997 and went online in 1999. It was created to help telecom professionals make informed choices about networking hardware and services. Demandline.com uses the reverse auction model that creates the mass-purchasing power that gets the attention of large carriers, who then bid for the business. Telco Exchange provides tools for large customers to obtain several quotes in many locations, and the company's tools have been licensed to UUnet and EarthLink.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Telecommunications; Portals; Auctions; Telephone Companies;
B2B Marketplaces

REVISION DATE: 20010423

9/5/19 (Item 7 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2002 Info.Sources Inc. All rts. reserv.

00116285 DOCUMENT TYPE: Review

PRODUCT NAMES: Oracle 8i (004233)

TITLE: Oracle pushes envelope

AUTHOR: Biggs, Maggie

SOURCE: InfoWorld, v21 n16 p1(2) Apr 19, 1999

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Oracle's highly recommended Oracle 8i database should be an upgrade for every current user and high on the list of products under consideration by new users. Oracle 8i provides many helpful additions and improvements to basic database services, and tools that give enterprises the potential ability to develop many applications in a better managed and secure environment. Oracle 8i will offer long-term savings and revenue expansion, but upgraders and purchasers should expect to spend some time learning to deploy and use the database. Advantages include an integrated file system and Java virtual machine; support for Enterprise JavaBeans, Common Object Request Broker Architecture (CORBA), and Component Object Model (COM); World Wide Web content management; enhanced multimedia support; better

security policies; Java-enabled administration and installation; many foundational database updates; and extended platform support. Platforms supported include Windows NT, Solaris, OS/2, NetWare, UNIX, and over 70 others. Sites that require substantial control over World Wide Web content should consider using WebDB, which when used with Oracle 8i allows administrators to manage content creation and distribution tasks to eliminate network slowdowns.

PRICE: \$1475

COMPANY NAME: Oracle Corp (010740)

SPECIAL FEATURE: Charts

DESCRIPTORS: Database Management; Program Development; Internet Utilities;
Java; Integration Software

REVISION DATE: 20010330

9/5/20 (Item 8 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2002 Info.Sources Inc. All rts. reserv.

00115741 DOCUMENT TYPE: Review

PRODUCT NAMES: Sales Force Automation (830415)

TITLE: Salesforce Automation Pays Off

AUTHOR: Garcia, Mary Ryan

SOURCE: Beyond Computing, v8 n1 p40(4) Jan/Feb 1999

ISSN: 1061-9216

HOME PAGE: <http://www.beyondcomputingmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Sales force automation (SFA) is being fueled by the growing use of the Internet and corporate intranets. **Sales representatives** now have access to **sales** data from a **Web site**, and customers can view the status of their orders online with ease. New SFA tools help to give companies more control over their revenue streams, produce more successful leads, and make the most productive use of sales representatives. SFA gives organizations consolidated information, and the ability to easily and efficiently follow up on sales calls, sales reps, and customer leads. The process of sales force automation involves providing access to individual World Wide Web pages that have sales information appropriate to a particular customer, such as ship dates or order numbers. This Internet-based approach helped Equifax refine its own sales process. Their sales process may involve complex pricing and **multiple** technologies. **Several people** within the organization may be involved, and sales force automation is the best way to take a group of employees with different skills from different locations and get them working together as a team. Another company automates functions normally performed by temporary employees, and expects to save thousands of dollars a year. The SFA software also helps its customer service efforts by automating more tasks and freeing brokers to spend more time with customers.

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Charts

DESCRIPTORS: Sales Force Automation; Intranets; Internet Marketing;
Electronic Customer Service; CRM

REVISION DATE: 20011130

9/5/21 (Item 9 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

(c)2002 Info.Sources Inc. All rts. reserv.

00098053 DOCUMENT TYPE: Review

PRODUCT NAMES: DS Modeler (643076); DS Server (643084)

TITLE: Interweave moves DSS to Web clients
AUTHOR: Perez, Juan Carlos
SOURCE: PC Week, v13 n47 p33(2) Nov 25, 1996
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Interweave Software's DS Modeler and DS Server are intranet server-based programs that allow fast implementation of decision support tools by many users over a network. DS Modeler allows developers to map object properties of relational data and to create Hypertext Markup Language (HTML) templates. DS Server dynamically generates HTML streams from the object model for analysis. The tools use Java to create an interactive environment for processing live data in the browser, and can be installed on a Web server or anywhere between the source database and the client, on an intranet. Users can do querying and analysis, generate reports, and gain access to other services linked to the Web server, including e-mail, Virtual Reality Modeling Language (VRML), and other graphics tools. The target market is those who want to extend access to their data repository to a large number of regular users. Several vendors are developing Web-native DSSs because native methods are superior to CGI scripts, are more scalable, and provide users with query functions from their browsers. An analyst says the tools are developer-centered and have powerful features for generating and maintaining metadata.

COMPANY NAME: Cognos Corp (027294)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Intranets; Decision Support Systems; Information Retrieval;
Internet Utilities; Java; HTML
REVISION DATE: 20010430

9/5/22 (Item 10 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00069500 DOCUMENT TYPE: Review

PRODUCT NAMES: vrTrader (522741)

TITLE: A New Way to Monitor Your Financial Investments
AUTHOR: Dysart, Joe
SOURCE: Computer Graphics World, v17 n9 p16(2) Sep 1994
ISSN: 0271-4159
HOMEPAGE: <http://www.cgw.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Avatar Partners' vrTrader, a virtual reality application for stock traders, allows users to see stocks, indices, futures, and options as 3D objects, real-time graphs, and text. The multicolored objects change size as Wall Street prices go up and down. A financial talkshow host describes the product as the most graphically descriptive product available, one that can make stock market proceedings palatable for the average user. Colorful pole icons can be coded to show animated sequences, including spinning, flashes, color changes, and sound. The market data comes from a data feed from data Broadcasting, a California financial news service. According to an industry analyst, the package is not for professional traders because they use many monitors at the same time to display data.

COMPANY NAME: Dive Laboratories Inc (590118)
SPECIAL FEATURE: Photographs
DESCRIPTORS: Virtual Reality; Investment Analysis; Stock Market ;
Stock Brokers ; Business Graphics; Simulation
REVISION DATE: 19951230

9/5/23 (Item 11 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00062061 DOCUMENT TYPE: Review

PRODUCT NAMES: TeleMagic Windows (013622)

TITLE: TeleMagic runs rings around contenders
AUTHOR: Marshall, Patrick
SOURCE: InfoWorld, v16 n11 p77(4) Mar 14, 1994
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

TeleMagic's TeleMagic for Windows is a powerful sales-oriented contact manager. Its extensive contact-tracking, and scheduling and phone features make it one of the strongest Windows contact managers available. The program is very customizable, and is used to create a custom contact management application that can be used across a network. Its workgroup features are noteworthy, and **multiple users** can access the program on a server, and access each other's calendars. The powerhouse contact manager may be too much for all but the most high-powered individual users; it is more suited to workgroups. Record management is done at three levels, with each record able to contain multiple pages of fields. The three levels are **represented** as company, contact, and **sales** contracts. Scheduling tools are well implemented, and users can **display** intervals between five and sixty minutes. Alarms can be received even if TeleMagic is not running.

PRICE: \$499

COMPANY NAME: Telemagic Inc (405108)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: CRM; Windows; IBM PC & Compatibles; Address Books; Scheduling
; Sales Force Automation
REVISION DATE: 20010430

9/5/24 (Item 1 from file: 139)
DIALOG(R) File 139:EconLit
(c) 2002 American Economic Association. All rts. reserv.

270385

TITLE: **An Empirical Analysis of Internal and External Reference Prices
Using Scanner Data**

AUTHOR(S): Mayhew, Glenn E.; Winer, Russell S.
AUTHOR(S) AFFILIATION: U CA, Berkeley; U CA, Berkeley
JOURNAL NAME: Journal of Consumer Research,
JOURNAL VOLUME & ISSUE: 19 1,
PAGES: 62-70
PUBLICATION DATE: June 1992
ISSN: 0093-5301
DOCUMENT TYPE: Journal Article
ABSTRACT INDICATOR: Abstract
ABSTRACT: Single-source yogurt data are used to examine whether both
internal and external reference prices affect purchase decisions.

Internal reference prices are memory-resident prices based on actual, fair, or other price concepts. External reference prices are observed stimuli, such as "regular prices", that stores may **display** along with a **sale** price for comparability. Discrete choice **models** with variables **representing** the two types of reference prices are estimated, and both types of variables are found to have significant effects on purchase probabilities. This suggests that **consumers** may use **multiple** reference points in evaluating price in purchase decisions. In addition, a model using an indicator of a sale price discount explains purchase probabilities as well as one that models the actual discount, which suggests that consumers may be reacting to the indication of savings rather than to the amount of the discount.

GEOGRAPHIC LOCATION DESCRIPTOR(S): U.S.

DESCRIPTOR(S) (1991 to Present): Marketing (M310); Consumer Economics: Empirical Analysis (D120)

DESCRIPTOR(S) (Pre-1991): Marketing and Advertising (5310); Consumer Economics--Expenditure Patterns and Consumption of Specific Items (9212); Consumer Economics--Living Standards, Composition of Overall Expenditures, and Empirical Consumption and Savings Studies (9211); Consumer Economics; Levels and Standards of Living--General (9210)

14/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01916614 05-67606

ITMA 99: Electronics quicken reaction
Isaacs, McAllister III; Rozelle, Walter N
Textile World v149n10 PP: 43-48 Oct 1999
ISSN: 0040-5213 JRNL CODE: TXW
WORD COUNT: 2183

...TEXT: software programs-PrimaVision, U4ia and ProStyle-fashion companies can realistically create collection textiles and styles, **simulate** them in **virtual** shops with 3DVM and electronically **exchange** ideas and designs with **different** sites, suppliers and **customers** all over the world.

The new versions, presented at ITMA, will improve designers' creativity...

14/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01726573 03-77563

Vertical integration in global treasury management
Mitsos, Nicholas
TMA Journal v18n6 PP: 78-81 Nov/Dec 1998
ISSN: 1080-1162 JRNL CODE: JCG
WORD COUNT: 1707

...TEXT: market data services and dealers

Provides disaster recovery services

Facilitates real-time access to electronic **trading** **portals** to the global capital **markets** .

In the traditional "product" **model** , the listed tasks are performed by **multiple** **parties** , including software vendors, consultants, internal MIS departments, treasury staffers, hardware vendors, communications carriers and market...

14/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01722906 03-73896

Selling to senior executives: Part 2
Bistriz, Stephen J; Gardner, Alston; Klompaker, Jay E
Marketing Management v7n3 PP: 18-27 Fall 1998
ISSN: 1061-3846 JRNL CODE: MMA
WORD COUNT: 4894

...TEXT: to look beyond each individual sales opportunity and manage the overall relationship. This means very **different** behaviors for the **individual** salesperson as well as a very different **model** for how to work as part of a **virtual** **sales** team. Without a robust process and strong team leadership from the account manager, these relationships...

14/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01655333 03-06323

Is there a future for futures?

Clow, Robert
Institutional Investor v32n6 PP: 53-61 Jun 1998
ISSN: 0020-3580 JRNL CODE: IL
WORD COUNT: 3008

...TEXT: are migrating inexorably to the electronic marketplace. The inevitable result will be, in effect, a **virtual trading floor**, with no particular ties or **resemblance** to today's swarming pits. The surviving **exchanges** will become gateways to that **virtual floor**, distinguished by service and brand image - newfangled concepts to **many** old hands.

Chicago **traders** have long had good reason to be arrogant about their way of trading; they invented...

14/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00723523 93-72744

Reengineering Wall Street's Systems
Schmerken, Ivy

Wall Street Computer Review v9n4 PP: 14-22 Jan 1992
ISSN: 0738-4343 JRNL CODE: WSC
WORD COUNT: 2516

...TEXT: of stocks, manage their work flow. Using Microsoft Windows on IBM PS/2 workstations, OATS **resembles** a specialist book. A **trader** can **display multiple** windows to watch inventory, P&L and the order-entry system--feeding orders from the...

14/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00317426 86-17840

Using Flexible Software to Access Many Hosts from a Microcomputer
Held, Gilbert

Data Communications v15n4 PP: 165-174 Apr 1986
ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: incoming data. Once the hardware functions have been handled, the software must be able to **mimic** higher-level protocols for **displays**. The emulators on the **market** include packages designed for single, **multiple**, and **user**-defined terminal emulations. For example, the SmarTerm packages from Persoft Inc. allow IBM PC users...

14/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06934474 Supplier Number: 58551483 (USE FORMAT 7 FOR FULLTEXT)
medpool.com to Present at The Hambrecht & Quist 18th Annual Healthcare Conference.

PR Newswire, p0595
Jan 13, 2000

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 468

... services. Because the company is a first mover in this concept, medpool.com has filed **several** patents on its business **model**.

Buyers purchasing power is pooled together in a **virtual trading floor** to collectively purchase medical equipment, supplies and services for the best prices. Selected sellers...

14/3,K/8 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06897164 Supplier Number: 58386762 (USE FORMAT 7 FOR FULLTEXT)
**iCongo.com Selects Calico eSales.com to Power Trading Exchange for
International Sporting Goods.**
Business Wire, p1066
Dec 28, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 840

... and order management for buyers and sellers of sporting goods.
Powered by Calico eSales.com, iCongo .com's web site will facilitate
trade between multiple suppliers and buyers from catalogs featuring
multi-dimensional product attributes. This solution allows buyers to mix
and match...

14/3,K/9 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06811802 Supplier Number: 57609042 (USE FORMAT 7 FOR FULLTEXT)
**NextPlanetOver.com Builds a Home in Cybertown, Launches Cutting-Edge
Virtual Object Tracking Campaign.**
Business Wire, p0161
Nov 17, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 763

... system that monitors these interactive product placements.
NextPlanetOver.com will be featured in Cybertown in several
innovative ways. First, members of Cybertown will be able to buy, sell
and trade virtual posters that represent products available at
NPO.com. In Cybertown, each poster contains a link to NPO.com...

14/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05685716 Supplier Number: 53340706 (USE FORMAT 7 FOR FULLTEXT)
Tomorrow's desktops today. (Industry Trend or Event)
O'Brien, Bill
Computer Shopper, p40(1)
Jan 15, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 210

... the forest for the trees.
Business PC buyers today face significant overlap in functionality
among different models, even as the personal -computer market
displays a never-ending desire to absorb CPU and system designs intended
for business. Luckily, plenty...

14/3,K/11 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04882987 Supplier Number: 47182739 (USE FORMAT 7 FOR FULLTEXT)

List Providers Leery About Offering Fulfillment Over The Web
Electronic Advertising & Marketplace Report, v11, n5, pN/A
March 4, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 841

... Many of the larger companies, such as Metromail and American List Counsel, are offering prospective **clients** the ability to see how **many** names are available for certain **markets** through their **Web sites**, but leaving order fulfillment to personal **representatives**. Other companies, such as Abacus, are splitting the difference and allowing clients to place orders...

14/3,K/12 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04870415 Supplier Number: 47163495 (USE FORMAT 7 FOR FULLTEXT)
A NEW WORLD ORDER
Ostroff, Jim
WWD, v173, n40, p28S
Feb 28, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2478

... in the U.S. due to proprietary technology, size and efficiency of our plants here."

Many U.S. manufacturers of **consumer** products have expressed concern to the U.S. **Trade Representative** that several developing nations **virtually** sanction what amounts to industrial theft.

There are other practical considerations for exporting, said Robert...

14/3,K/13 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04040572 Supplier Number: 45876091 (USE FORMAT 7 FOR FULLTEXT)
Trade secret: CIA was in Kantor's corner
Automotive News, v0, n0, p3
Oct 23, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 267

Staff Reporter

WASHINGTON - Many People thought Mickey 'Bulldog' Kantor, the feisty U.S. **Trade Representative**, **virtually** willed July's **trade** agreement with Japan. Now we learn that the **trade representative** had some help - the kind that the Central Intelligence Agency is best qualified to give...

14/3,K/14 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

03697705 Supplier Number: 45234028 (USE FORMAT 7 FOR FULLTEXT)
Married with Builders: Flooring Contractors Nail Down Big Profits by Partnering with Builders
Flooring, p20
Jan, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade

Word Count: 1629

... a model home, or in a retail location referred by the builder.

In the Houston market, Centex displays floor covering at model homes. There, Centex representatives will meet with home buyers and show the different grades of flooring available and the costs associated with upgrading.

'We found that if we...

14/3,K/15 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09916992 SUPPLIER NUMBER: 19934369 (USE FORMAT 7 OR 9 FOR FULL TEXT)

John Deere: reducing time-to-market with virtual prototypes. (Design in Context)

Machine Design, v69, n14, p138(2)

July 24, 1997

ISSN: 0024-9114 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 742 LINE COUNT: 00061

... becomes a physical piece of equipment," says Rauch. "This is the future of time-to-market."

The virtual reality (VR) simulations on Onyx(R) are instantly comprehensible to non-technical people. "Many engineering tools such as finite element analysis and computational fluid dynamics are exclusive to the...

14/3,K/16 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09407480 SUPPLIER NUMBER: 19280780 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Doors and windows: price-conscious consumers turn to retailers for maintenance expertise. (includes related article on fast-selling items)

Knoderer, Tony

Do-It-Yourself Retailing, v172, n3, p70(2)

March, 1997

ISSN: 0889-2989 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1183 LINE COUNT: 00097

TEXT:

...over their door and window purchases, the role of retailers is becoming increasingly important. To many consumers -whether it's via sales floor displays or personal expertise - retailers often represent access to information that hasn't been supplied elsewhere.

14/3,K/17 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09329128 SUPPLIER NUMBER: 19075635 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Virtual reality. (virtual model houses) (Cover Story)

O'Malley, Sharon

Builder, v19, n15, p48(5)

Dec, 1996

DOCUMENT TYPE: Cover Story ISSN: 0744-1193 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2178 LINE COUNT: 00167

... of Newmark Home Corp. in Stafford, Texas. Newmark's Dallas, Houston, and Austin neighborhoods have virtual models on sales office computers inside their model homes.

Sales reps also hand out virtual models on CD-ROM so customers

- many of whom have already walked through a physical model - can take another look once they...

14/3,K/18 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09293146 SUPPLIER NUMBER: 19033708 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Rethinking the role of recourse in the sale of financial assets.
Pantaleo, Peter V.
Business Lawyer, 52, n1, 159-198
Nov, 1996
ISSN: 0007-6899 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 22298 LINE COUNT: 01750

... created by permitting a sale of a financial asset with recourse for collectibility is no **different** than that created when a **seller** gives a warranty of quality in the **sale** of any asset. **Virtually** every type of asset **sale** is accompanied by **representations** and warranties as to origin, quality, condition, and similar attributes. Such warranties serve not only...

14/3,K/19 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08972332 SUPPLIER NUMBER: 18701823
Virtually home. (housing industry using virtual models and other computer technologies to design and market homes) (includes related article on using 3D floor plan software) (Industry Trend or Event)
Vrana, Debora
Los Angeles Times, v115 , Mon ed, col 1, pD1
Sep 23, 1996
ISSN: 0458-3035 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: The housing industry is increasingly using virtual **models** and other computer technologies to design and **market** homes. Builders are utilizing **virtual models** to allow buyers to preview 3D mock-up dwellings. **Many** systems also permit **buyers** to partake in the design of their houses by altering floor plans and other design...

14/3,K/20 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00906517
W Europe: The data communications equipment market will grow 17%/yr to \$609mil by 1986 vs \$293mil in 1981, and be dominated by AT&T and IBM by 1990.
Data Processing February, 1983 p. 30,31

... Omnimode, featuring software-driven control, touch-sensitive switch setting of parameters and an 8 digit **display** . In the multiplexer **market** , outdated products exist alongside more cost-effective **models** , with the latter experiencing very rapid growth as **users** see the benefit of **multiplexing** **several** signals into a single datastream over one line. Low-end, microprocessor-controlled statistical multiplexers will...

14/3,K/21 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01462420 SUPPLIER NUMBER: 11555024 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Windows 3.0. (Microsoft Corp.'s graphical user interface) (Software Review)
(one of five evaluations of graphical user interfaces) (Evaluation)

Reed, Sandy

PC-Computing, v4, n12, p159(2)

Dec, 1991

DOCUMENT TYPE: Evaluation

ISSN: 0899-1847

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 578

LINE COUNT: 00045

ABSTRACT: Microsoft Corp's \$149 Windows 3.0 is the most popular **graphical** user **interface** (GUI) on the **market** and uses the desktop as a **metaphor** for application and file manipulation. **Users** are able to run **several** applications at once and move data among them. Evaluators were able to complete 68.5...

14/3,K/22 (Item 1 from file: 625)

DIALOG(R)File 625:American Banker Publications

(c) 2002 American Banker. All rts. reserv.

0039525

A Question of Independence

American Banker - May 7, 1985, Tuesday; Pg. 1

WORD COUNT: 1,834

BYLINE:

By SANFORD ROSE

TEXT:

... against poor Peat. Such a consolidation is not without its ironies. The FDIC abominates money **brokers** , sometimes **represented** **virtually** as archfiends. In **many** **people** 's minds, Penn Square epitomizes the worst abuses of the money-brokerage function. Yet the...

14/3,K/23 (Item 2 from file: 625)

DIALOG(R)File 625:American Banker Publications

(c) 2002 American Banker. All rts. reserv.

0039348

A Question of Independence

American Banker - May 7, 1985, Tuesday; Pg. 1

WORD COUNT: 1,834

BYLINE:

By SANFORD ROSE

TEXT:

... against poor Peat. Such a consolidation is not without its ironies. The FDIC abominates money **brokers** , sometimes **represented** **virtually** as archfiends. In **many** **people** 's minds, Penn Square epitomizes the worst abuses of the money-brokerage function. Yet the...

13/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02702234 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Covering New Ground

(Worldwide shipments of LCDs will grow from \$8,717 mil in 2000 to \$10,769 mil in 2001; there is a trend toward larger, higher-resolution LCDs)

Electronic Buyers News, p 42

January 31, 2000

DOCUMENT TYPE: Journal ISSN: 0164-6362 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1925

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...class" (exact panel sizes vary by manufacturer) is becoming increasingly popular for notebooks, it also **represents** a "crossover point" for LCDs entering the fertile **market** for desktop and workstation monitors, Maunu said.

Larger **displays** -mostly single panels, but in one case a seamless composite of **several** -are also wooing industrial **consumers** in such fields as medical equipment, financial centers, point-of-sale terminals, and kiosks.

Today...

13/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02638464 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Cover Story - Part 4 of 4: CDW Keys Up Profits

(CDW Computer Centers keeps overhead costs down by obtaining most of its sales from Internet, phone, and fax; sales rose to \$1,733,489,000 in 1998)

Chain Store Age Executive, v 75, n 11, p 68+

November 1999

DOCUMENT TYPE: Journal; Cover Story; Company Overview ISSN: 0193-1199 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1195

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...unique visitors. In the second quarter of this year, it brought in \$36 million in **sales**, nearly tripling its level from the year before. Nevertheless, the **Web site represents** only 6% of CDW's **sales**. That figure, however, is deceiving, Harczak says.

" **Many** more **people** use the site than actually submit purchases through it. We've done our best to...

13/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02220350 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Is there a future for futures?

(The futures market seems to be losing ground to electronic trading, which some companies find to be less expensive and more efficient)

Institutional Investor Americas, v XXXII, n 6, p 53+

June 1998

DOCUMENT TYPE: Journal ISSN: 0020-3580 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3010

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...are migrating inexorably to the electronic marketplace. The inevitable result will be, in effect, a **virtual trading** floor, with no particular ties or **resemblance** to today's swarming pits. The surviving **exchanges** will become gateways to that **virtual** floor, distinguished by service and brand image -- newfangled concepts to **many** old hands.

Chicago **traders** have long had good reason to be arrogant about their way of trading; they invented...

13/3,K/4 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

02181682 (USE FORMAT 7 OR 9 FOR FULLTEXT)

States Tap Micron For High-Tech Purchasing Contracts

(Micron Electronics picks up state purchasing contracts from Oregon, Hawaii, North Carolina, and Georgia)

Newsbytes News Network, p N/A

July 06, 1998

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 586

ABSTRACT:

...is the 9th biggest PC maker in the US, according to International Data Corporation. Government **customers** have **several** options with which to buy computer systems, including visiting the company's **Web site** or calling anonsite **sales representative**. State purchases can also fax an order or request for quote.

...

13/3,K/5 (Item 5 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01962007 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Gateway raking in online PC orders

(Gateway 2000 is selling about \$2 mil/day in orders that come in from its **Web site**)

Business Marketing, v 82, n 9, p 2

October 1997

DOCUMENT TYPE: Journal ISSN: 0745-5933 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 626

ABSTRACT:

...mil/day in Internet sales, about \$1.4 mil is from the segment defined as **consumer**, which includes **many** small office/home office businesses, according to Taylor. International sales **represent** some 20% of the total daily **Web sales**, he says. Since Gateway redesigned its **Web site**, Taylor says phone volume attributable to the site has increased 22%. Total sales at Gateway...

13/3,K/6 (Item 6 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01767517 (USE FORMAT 7 OR 9 FOR FULLTEXT)

A New World Order

(American firms in 1996 sold a record \$2.8 bil worth of fragrances, lip, eye and facial care products and toiletries worldwide, up 10% from 1995)

Women's Wear Daily CTFA Supplement, p 28+

February 1997

DOCUMENT TYPE: Journal ISSN: 0149-5380 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2438

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...in the U.S. due to proprietary technology, size and efficiency of our plants here."

Many U.S. manufacturers of consumer products have expressed concern to the U.S. Trade Representative that several developing nations virtually sanction what amounts to industrial theft.

There are other practical considerations for exporting, said Robert...

13/3,K/7 (Item 7 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01749186 (USE FORMAT 7 OR 9 FOR FULLTEXT)

A COMEBACK FOR PUERTO RICAN CIGARS

(Oceanika World Traders will distribute Bayamon Tobacco Corp's hand-rolled cigars)

Miami Herald , p N/A

February 04, 1997

DOCUMENT TYPE: Regional Newspaper ISSN: 0898-865X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 898

ABSTRACT:

...industry was once a major part of its agriculture along with sugar and coffee but virtually disappeared in the 1960s. Oceanika World Traders (Miami, FL), which represents many products in Miami and Latin American markets including Chef Boyardee, Hormel and Goya Foods, has...

13/3,K/8 (Item 8 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2002 Resp. DB Svcs. All rts. reserv.

01312055 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Open Market Intros "Secure" Web Storefront 10/17/95

(Open Market to launch 5th component to Merchant Solution, new turnkey package for creating "self-hosted" storefronts over the Web)

Newsbytes News Network, p N/A

October 17, 1995

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 502

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and to track shipments of hard good purchases, he maintained.

Also under the new Open Market model , users can "collect" goods from multiple Web sites in "customer shopping carts," permitting them to consolidate all their Web-based purchases into a single electronic...

13/3,K/9 (Item 9 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01236203 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Duracraft to Launch Air Cleaners

(Duracraft to launch new line of air cleaners; to promote with p-o-p
displays and brochures, coupons)

HFN, v 69, n 28, p 63

July 10, 1995

DOCUMENT TYPE: Journal ISSN: 1082-0310 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 523

ABSTRACT:

...Jane did not discuss the products' details, he said there will be six to
10 models .

Duracraft will promote its air cleaners with point-of-purchase displays
and brochures and through descriptive packaging. The firm also will
market its air cleaners through its other products with a brochure and
dollar-off coupon inserted in humidifiers, which many consumers relate
to air cleaners, Jane said.

Duracraft also is introducing several heaters, fans and humidifiers...

13/3,K/10 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09276522 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Dot Com Firms Feel The Stock Market Squeeze

RACHEL BECK

BIRMINGHAM POST, p21

January 25, 2000

JOURNAL CODE: FBMP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 467

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... companies that do business solely online giving a clear blueprint
of when profits might come, many analysts are encouraging their clients
to buy other stocks for now.

They are recommending profitable e-commerce models such as auction
sites such as eBay, Internet service providers and portals such as
Yahoo!, which are news and information sites that act as gateways to the...

13/3,K/11 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09114293 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**medpool.com to Present at The Hambrecht & Quist 18th Annual Healthcare
Conference**

PR NEWSWIRE

January 12, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 474

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... services. Because the company is a first mover in this concept,
medpool.com has filed several patents on its business model .

Buyers purchasing power is pooled together in a **virtual trading** floor to collectively purchase medical equipment, supplies and services for the best prices. Selected sellers...

13/3,K/12 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08896742 (USE FORMAT 7 OR 9 FOR FULLTEXT)
iCongo.com Selects Calico eSales.com to Power Trading Exchange for International Sporting Goods
BUSINESS WIRE
December 28, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 923

... and order management for buyers and sellers of sporting goods. Powered by Calico eSales.com, **iCongo .com's web site** will facilitate **trade** between **multiple** suppliers and **buyers** from catalogs featuring multi-dimensional product attributes. This solution allows buyers to mix and match...

13/3,K/13 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08577552 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Gardening: Leaf It Out For The Big Autumn Clean-up
BIRMINGHAM POST, p64
December 04, 1999
JOURNAL CODE: FBMP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1534

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... be too difficult although it is wise to keep off lawns when they are wet.

Many people are planning their own millennium parties at home and from the numbers of firework shops and firework **displays** on **sale** it looks like December 31 could well **resemble** bonfire night with Auld Lang Syne thrown in.

If you are bonfiring then remember the...

13/3,K/14 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08272877 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NextPlanetOver.com Builds a Home in Cybertown, Launches Cutting-Edge Virtual Object Tracking Campaign
BUSINESS WIRE
November 17, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 778

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... system that monitors these interactive product placements. NextPlanetOver.com will be featured in Cybertown in **several** innovative ways. First, **members** of Cybertown will be able to buy, sell and **trade** **virtual** posters that **represent** products available at NPO.com. In Cybertown, each poster contains a link to NPO.com...

13/3,K/15 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

07212814 (USE FORMAT 7 OR 9 FOR FULLTEXT)
WSMI.com's Billion Dollar On-Line World Wide Charity Lottery
PR NEWSWIRE
September 14, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 613

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in this international lottery will be to develop and manage state of the art interactive **websites** and act as the on-line ticket window for **sales** to a global audience. WSMI.com will create **mirrored** sites in 21 **different** languages for **people** on all continents to have the chance to participate in the billion-dollar lottery (subject...

13/3,K/16 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

06645457 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TheAgZone(TM) inc. Selects MarketStream(TM) 2.0 From ConnectInc.com As Platform Technology for New Agricultural Products E-Marketplace
PR NEWSWIRE
August 11, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 682

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ConnectInc.com, and our MarketStream(TM) 2.0 platform to build their next generation agricultural **trading** community," said Craig Norris, President & CEO of ConnectInc.com. "Specialty **portals** like TheAgZone(TM) inc. **represent** the next frontier of e-commerce in which infomediaries bring together **multiple** **buyers** and **sellers** creating entirely new e-markets that reduce costs, streamline communications processes, and add value up...

13/3,K/17 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

06409772 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Segue Software Reports Record Revenue of \$11.7 Million; Quarter over Quarter Loss from Operations Grows as Investments Increase to Pursue Emerging e-Business Reliability Market
BUSINESS WIRE
July 27, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 2595

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... also be dependent on our ability to reach and inform customers about the importance of **web site** reliability to their business **models** because we are in a **market** where up-time performance means real revenue dollars to our **customers**. So, like **many** other companies who have entered the Internet business, we continue to invest heavily in building...

13/3,K/18 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

06192790 (USE FORMAT 7 OR 9 FOR FULLTEXT)

S KOREA MANAGEMENT MAY RETURN TO TALKS ON LABOUR ISSUES

ASIA PULSE

July 14, 1999

JOURNAL CODE: WAPL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 152

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to the tripartite committee in an executive meeting," a KEF spokesman said.

The tripartite committee **virtually** collapsed after **representatives** of the Federation of Korea **Trade** Unions and KEF walked out in April.

"But we cannot say we will return soon because **many** of our **member** companies strongly protest the government's decision to expand a special probe into 81 worksites...

13/3,K/19 (Item 10 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

06179021 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hampton-Porter Investment Bankers Announces Investment Opinion: Global Equities Research Sales Notes

BUSINESS WIRE

July 13, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2795

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... support; 150 in professional services and support and administration. The company markets nationwide through 22 **sales** offices.

En Pointe created and greatly expanded upon the **virtual** inventory **model**, which allows the **customer** to view **multiple** billions of dollars of inventory from major distributors within highly flexible formats. Customers use the...

13/3,K/20 (Item 11 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

05694737 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Special Report: Direct Marketing: Personal Touch: Mass customisation strategies are ideal for marketers wanting to boost customer satisfaction, but they will only lead to success if the basic building blocks are put in place first

ALICIA CLEGG

MARKETING WEEK, p45

June 10, 1999

JOURNAL CODE: FMWK LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1522

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... clothing merchant Lands' End, which enables female customers to construct and store a 3-D **representation** of their basic figure type on its **Website**. The software then recommends outfits from a standard **stock** that would suit the **customer**'s shape.

Many of the criticisms levelled at mass customisation focus on the difficulty of realising the concept...

13/3,K/21 (Item 12 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04693398 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IRT Sport (Sailing): Dublin Boat Show moves up a few classes
DAVID BRANIGAN
IRISH TIMES, p16
March 19, 1999
JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 395

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a boat, it is probably in the area of smaller day boats and overnight cruisers **representing** the established, middle-range of the **market** . Compared to the amount of power and bigger yachts on **display** , it is surprising that this section of the **market** isn't better catered for.

Nevertheless, **several** **traders** reported a brisk business in accessories, particularly in the electronics area where there is plenty...

13/3,K/22 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04412257 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Data Transmission Network Corporation Partners With DIRECTV and NRTC to Offer Data Services and Television Programming Through a Single Satellite Dish
PR NEWSWIRE
February 22, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 742

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... earnings of Hughes Electronics are used to calculate the earnings per share attributable to GMH (**NYSE** symbol) common **stock** . Visit the **DIRECTV Web site** at www.directv.com.

NRTC **represents** the advanced telecommunications and information technology interests of almost 900 rural electric and rural telephone systems. **Many** of its **members** and affiliates provide direct broadcast satellite (DBS) equipment and DIRECTV programming services to homes with...

13/3,K/23 (Item 14 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04408692 (USE FORMAT 7 OR 9 FOR FULLTEXT)
infoUSA to Launch Small Business Internet Portal, Internet Content Revenue Doubles in January 1999
BUSINESS WIRE
February 22, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 905

...some of the technology for the portal.

infoUSA chief executive officer, Vinod Gupta, said, "This **portal** will be a one-stop Internet shop for this **market** , and **represents** a natural way to leverage infoUSA's core competence in servicing the small business **customer** . **Many** of infoUSA's current two million customers are included in the approximately 10 million small...

13/3,K/24 (Item 15 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02989702

Mott's Kicks Off Fall Cocktail Mixer Promotion with Football Theme
PR NEWSWIRE
October 01, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 458

... off pads, and neck hangers on all Mr & Mrs T and Holland House mixers. With multiple purchases, consumers also can receive a free Super Bowl(TM) football and \$2 off with a mail-in coupon. Brokers, distributor representatives and retail buyers can compete in a display contest to win a five-night trip to the Pro Bowl in Hawaii. According to ...

13/3,K/25 (Item 16 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02654518 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Jo-Ann Stores to Trade Wall Street's Pinstripes for Teal and Magenta
PR NEWSWIRE
August 31, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 720

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Exchange building. Seven lower balconies will be draped with colorful fabric, and a three-dimensional representation of the Jo-Ann logo will overlap the Exchange's massive columns, with teal balloons accenting the display.

And inside two festive tents, Jo-Ann staff members will demonstrate and help visitors "experience the creativity" with four different craft projects -- a rubber-stamped pin and gift box, a faux-finish box, a small ...

13/3,K/26 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0005545221 BOAJPBMACZFT

Commodities and Agriculture (Farmer's Viewpoint): Green lobby gives the blues to American farmers - Farmers and agrochemicals producers have united to ward off sweeping environmental restrictions

DAVID RICHARDSON

Financial Times, P 34

Tuesday, October 16, 1990

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 930

TEXT:

...environmental agenda' being dictated by the green movement across the US.

For the first time, representatives of virtually all the numerous individual commodity groups and the agricultural supply trade came together in the common cause of attempting to moderate the most extreme proposals of...

13/3,K/27 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00010020 1999060B0022 (USE FORMAT 7 FOR FULLTEXT)
FotoNation Inc. Announces the Java FotoDeveloper Digital Camera Software Connectivity Toolkit
Business Wire
Monday, March 1, 1999 06:17 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 503

...kit was formulated as a modular application, which allows effortless integration of new digital camera **models** without changing the core software. Because the digital camera **market** introduces new **models** very frequently, FotoNation is **committed** to constantly updating its library with the newest product releases.

In **many** cases, FotoNation's close relationships with digital camera vendors enables FotoDeveloper customers, by means of...

13/3,K/28 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04417536 Supplier Number: 55349761 (USE FORMAT 7 FOR FULLTEXT)
NEW TECHNOLOGY GIVES TTY 'VOICE' TO HEARING-IMPAIRED VIA DIGITAL HANDSETS.
Mobile Phone News, v17, n30, pNA
August 2, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 565

... disabilities. For example, voice-activated controls for dialing and other handset functions are preferred by **consumers** across **many** **markets**

Qualcomm intends to include Bit-map handset **display** screens, allowing scaleable font size, on all its **models**. Also, it will provide a vibration option on its phones.

"Basically, we have chip sets...

13/3,K/29 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04043300 Supplier Number: 53412511 (USE FORMAT 7 FOR FULLTEXT)
ELECTRONIC COMMERCE PROPONENTS WANT MORE PROTECTION.
Communications Daily, v18, n241, pNA
Dec 16, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1123

... organizations" in Washington. But he also told of meeting at which most of top 15 **Web** **sites** were **represented** and one participant listed all different **trade** groups and asked how **many** of companies at meeting were **members**. Few were, and Snider said he wasn't satisfied with trade groups with which he...

13/3,K/30 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03712427 Supplier Number: 48020431 (USE FORMAT 7 FOR FULLTEXT)

MARKETING: Adbot Introduces Rotating Banner Click-Throughs

dot.COM, v4, n7, pN/A

Oct 1, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 339

... Inc. (10 S. Riverside Plaza, Suite 1100, Chicago, IL
60606-3708, Tel: 888/232-6846, Web site : <http://www.adbot.com>),
the

auction market for Internet advertising.
In the most widely used model of selling Web ad space -- page views
-- banner ads are presented on each new content page requested by
a user. However, many publishers have recently structured sites to
display each new content page within a frame. This...

13/3,K/31 (Item 4 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03670013 Supplier Number: 47907180 (USE FORMAT 7 FOR FULLTEXT)

CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts

M2 Presswire, pN/A

August 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 810

... at \$500 times the index -- are expected to attract a wider range of
investors, particularly many retail customers for whom the current
contract size is too large.

Through a special offer with Auditrack, Inc., CME Web site users
now can practice trading the E-mini in a virtual simulated
environment. This offer represents the first time any exchange has
offered virtual trading of a product via the Internet prior to the
product's launch. The simulated trading...

13/3,K/32 (Item 5 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03552232 Supplier Number: 47348031 (USE FORMAT 7 FOR FULLTEXT)

slants & trends

The Maturing Marketplace, v2, n9, pN/A

May 1, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 449

Several years ago, people looked at us strange when we mentioned
we were creating an online community for the 50-plus market," said Tom
Poole, president and CEO, SeniorCom, a World Wide Web site for the
50-plus market.

'Today, the mature market represents the fastest growing audience
on the Internet. If you take into consideration our viewers watch...

13/3,K/33 (Item 6 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03483841 Supplier Number: 47182739 (USE FORMAT 7 FOR FULLTEXT)

List Providers Leery About Offering Fulfillment Over The Web

Electronic Advertising & Marketplace Report, v11, n5, pN/A

March 4, 1997

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 841

... Many of the larger companies, such as Metromail and American List Counsel, are offering prospective **clients** the ability to see how **many** names are available for certain **markets** through their **Web sites**, but leaving order fulfillment to personal **representatives**. Other companies, such as Abacus, are splitting the difference and allowing clients to place orders...

13/3,K/34 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03354301 Supplier Number: 46897498 (USE FORMAT 7 FOR FULLTEXT)

THE EMERGING INDUSTRY FOR ONLINE MULTIPLAYER GAMING.

Interactive PR, v2, n23, pN/A

Nov 18, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional

Word Count: 100

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

SpotMedia Communications, publisher of the GameSpot Web site, has released findings of a major **consumer** study of the emerging online **multiplayer** gaming industry. The study of 2,700 gamers on the GameSpot **Web site** provides data on **market** perceptions, desired features, pricing **models**, gaming preferences, and other factors which will affect **consumers**' use of **multiplayer** gaming sites. Among the findings: three out of four respondents said they'd be more...

13/3,K/35 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02036460 Supplier Number: 43700271 (USE FORMAT 7 FOR FULLTEXT)

FLAT PANEL DISPLAY: SEMI PRESIDENT CALLS FOR ADMINISTRATION ACTION ON FPD FRONT

EDGE: Work-Group Computing Report, v4, n146, pN/A

March 8, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 626

... than 250 of SEMI's member companies have developed equipment and materials for the FPD **market**.

"The flat panel **display market** represents the future for our **member** companies," added Reed. " **Many** analysts predict unit shipments of flat screens will triple by the year 2000. We are..."

13/3,K/36 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0666191 BW1152

LIBERTY FINANCIAL: Liberty Financial Introduces Next Generation of Internet Electronic Commerce

January 28, 1997

Byline: Business Editors

...to
provide customers, distributors and employees secure, direct access
to their accounts, product information and **market** data. We believe
the innovations we are introducing on our **Web sites** will **represent**
the first true application of Internet commerce for financial
services."

The LEAPS project integrates **several** Internet breakthroughs to
provide **customers** unparalleled personalization and security.

First consumer use of digital certificates. Liberty Financial
LEAPS is the...

13/3,K/37 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0321873 BW610

SEMI: SEMI president calls for administration action on FPD front

March 1, 1993

Byline: Business Editors/Computer Writers

...than 250
of SEMI's member companies have developed equipment and materials for
the FPD **market** .
"The flat panel **display market represents** the future for our
member
companies," added Reed. " **Many** analysts predict unit shipments of flat
screens will triple by the year 2000. We are..."

13/3,K/38 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0265318 BW659

**VIEWPOINT SYSTEMS: Viewpoint Systems announces enhancements to its visual
development tool -- Flashpoint 3.0**

February 18, 1992

Byline: Business Editors/Computer Writers

...a 3270 or 5250
host keystroke or a sequence script that performs a Dynamic Data
Exchange (DDE) activity.
The **multiple** panel enhancement allows **users** to **display** and work
with **multiple** panels simultaneously. Each panel can **represent**
information from single or multiple data sources.
For example, one panel may present the corporate...

13/3,K/39 (Item 4 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0138869 BW138

**SEMICONDUCTR EQUIPMNT: SEMI to sponsor industry briefings on East Bloc IC
production and flat panel displays**

August 2, 1989

Byline: Business Editors -- Computer Writers

...control panels,"
Hadfield said. "They're also a crucial element in high-definition television.

"SEMI members are receiving numerous requests from Japanese and European consumer electronics companies to develop manufacturing equipment and materials for flat panel displays," Hadfield explained. "This market could generate sales of \$4 billion over the next five years."

Representatives from Seiko-Epson, CONVAC, David Sarnoff Research Center, Hitachi, Mitsubishi and Sharp Electronics will take...

13/3,K/40 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1198269 NEW038
Engineers Name Analog Devices Single-Chip DSP Motor Controller One of
1997's Best Products

DATE: December 10, 1997 15:47 EST WORD COUNT: 1,762

... Linker combines object files into an executable file. The Simulator provides an interactive instruction-level simulation with a reconfigurable user interface to display different portions of the hardware environment.

About Analog Devices

With sales of \$1.2 billion for fiscal 1997, Analog Devices is a leading manufacturer of precision high-performance integrated circuits used in analog and...

13/3,K/41 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1065132 LATH015
New Cartridge System Transforms Standard Hard Drives Into State-of-the-Art Removables

DATE: March 6, 1997 08:05 EST WORD COUNT: 518

... speed, reliability and security are important concerns. High government offices have just purchased hundreds of Mirror -Links after extensive testing and evaluation of virtually every removable on the market .

Mirror -Link is also ideal for large, disk-consuming documents that must be stored, readily accessed, and shared by multiple users . Desktop publishing, electronic imaging, health care, graphics, printing, and audio/video recording industries are natural...

13/3,K/42 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1032308 SFW027
Worlds Inc. and Open Market, Inc. Partner to Enable 3D Multi-User Virtual Malls on the Internet

DATE: December 11, 1996 07:00 EST WORD COUNT: 584

...Worlds technology allows multiple users to log on to the same 3D

environment simultaneously, enabling **customers** in **different** locations to shop together or merchants to place customer-service **representatives** in **virtual** stores.

Worlds will integrate Open Market 's OM-SecureLink software in its tools,
the Active Worlds Development Kit(TM) and its...

13/3,K/43 (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0532595 AT001
DCA ANNOUNCES CROSSTALK FOR WINDOWS 2.0

DATE: November 3, 1992 08:03 EST WORD COUNT: 570

...for Windows.

"Crosstalk for Windows 2.0 is a new generation of communications software that **represents** a huge leap forward in providing users with a true **graphical** user **interface**," said Gerald W. Buran, DCA's vice president of **sales** and marketing.

New features in Crosstalk for Windows 2.0 include support for Microsoft's MDI, allowing **users** to open and run **multiple** communications sessions at the same time. Other benefits include the ability to manage the display...

13/3,K/44 (Item 1 from file: 267)
DIALOG(R)File 267:Finance & Banking Newsletters
(c) 2002 The Dialog Corp. All rts. reserv.

04553681
Filtering Buy-Side Research
Bill Davenport
Traders
July 1,1999 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: SECURITIES DATA PUBLISHING
LANGUAGE: ENGLISH WORD COUNT: 743 RECORD TYPE: FULLTEXT

(c) SECURITIES DATA PUBLISHING All Rts. Reserv.

TEXT:

...price. In this case, the price is a loss of privacy for the buy-side. Because **many** broker web sites track their **visitors** in real-time, when a buy-side portfolio manager is viewing a research document on a **broker** 's **web site**, that **broker** 's **sales representative** could call that portfolio manager immediately and solicit business. Though some firms also provide brokerages...

20/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01729962 03-80952

Are those toolpaths good? Verifier tells all
Gerardy, Paul
Machine Design v70n21 PP: 114-116 Nov 19, 1998
ISSN: 0024-9114 JRNL CODE: MDS
WORD COUNT: 1127

TEXT: Vericut **software** graphically simulates metal removal on milling machines and lathes. It lets an NC programmer verify...

... the toolpaths will match the design intent before machining production parts. The goal of the **software**, as in any manufacturing process, is to catch and eliminate errors early on to keep...

... shaded simulation. The verification program displays two through five-axis simultaneous NC toolpaths while removing **virtual** material from a **userdefined stock model**. **Users** have the choice of detecting collisions with fixtures, shanks of cutting tools, and cutting-tool...

20/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01683508 03-34498

MarketQA
Freeburg, Nelson
Futures-Cedar Falls v27n7 PP: 58 Jul 1998
ISSN: 0746-2468 JRNL CODE: CMM
WORD COUNT: 854

...ABSTRACT: across every asset class in great historical depth. The MarketQA financial database includes thousands of **individual** futures contracts **representing** hundreds of **markets** worldwide, **virtually** all cash commodities, forex, and cross-rate markets, meteorological data gathered daily from 653 weather stations, a wealth of stock indexes and market analysis, and the **price** history of every optionable stock going back decades.

...TEXT: not embryonic but not fully realized either.

Data

The MarketQA financial database includes thousands of **individual** futures contracts **representing** hundreds of **markets** worldwide, **virtually** all cash commodities, forex and cross-rate markets, meteorological data gathered daily from 653 weather stations, a wealth of stock indexes and market statistics, and the **price** history of every optionable stock going back decades.

One of MarketQA's strong suits is...

20/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01535896 01-86884

Comdex panels provide a much-needed perspective on heaps of new products
Tebbe, Mark
InfoWorld v19n46 PP: 188 Nov 17, 1997
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 618

...TEXT: looking for ways that technology (especially the Web) can increase customer loyalty. Many corporations are **offering** services that were not practical to provide before the Web. In Web-based applications, such as Dell's online ordering, **Virtual Vineyard's direct-to-consumer sales model**, and Charles Schwab's easy-to-access-and-use eSchwab trading system, today's consumer...

20/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01272394 99-21790

WS&T unveils live trading floor

Anonymous

Wall Street & Technology v14n9 PP: 29-30 Sep 1996

ISSN: 1060-989X JRNL CODE: WSC

WORD COUNT: 327

...TEXT: will give onlookers a snapshot of modern trading floor technology-including today's trading systems, **software**, desks and infrastructure. The second desk group will display new systems and concepts that Wall...

...business of trading in the 21st century. The home office will be part of a **virtual trading floor demonstration depicting how traders** will get access to information from their homes, branch offices and other remote locations.

Trading...

20/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01145071 97-94465

Early contributions of Staff Papers to international economics

Blejer, Mario I; Khan, Mohsin S; Masson, Paul R

International Monetary Fund Staff Papers v42n4 PP: 707-733 Dec 1995

ISSN: 0020-8027 JRNL CODE: IMF

WORD COUNT: 10816

...TEXT: of countries. This section will take up each category in turn.

Individual-Country Trade Models

Virtually all models of imports and exports are variants of what has been termed by Goldstein and Khan...

... equations for imports and exports relate the quantities to the level of income, the own **price**, and the **price** of domestic substitutes. The specification of the supply function is equally straightforward-the producer is...

... subject to a cost constraint. The resulting function relates quantities to productive capacity, the own **price**, and the **price** of inputs into the production process.

The bulk of the empirical trade literature has focused...

20/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01068519 97-17913

Caught in the web

Prince, Cheryl J

Bank Systems & Technology v32n7 PP: 44-48 Jul 1995

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 2691

...TEXT: also called, are not the only way to get and maintain consumer interest. When visiting Salem's home page, one of the first icons a consumer will see is the Special of the Week. "That's a hook I put on...

... what the special is," says Fitzgerald. For instance, a special might be a CD specially priced above the national average. BofA's Shapiro reports that its page's most popular feature is the special offer. She adds that the hope is that providing information that supports decisionmaking will entice customers...

20/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

07371064 Supplier Number: 59554551 (USE FORMAT 7 FOR FULLTEXT)

The Perfect Fit.

On Wall Street, v9, n12, p60

Dec, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 4525

... stock, mutual fund, and option orders through the Internet with immediate confirmation. Our Advisor Channel software is tailored for Investment Advisors and has portfolio modeling, rebalancing and account analysis features. Our Statement Viewer allows representatives to view client brokerage statements online and our Rep Web site Program allows reps to develop their own unique Web site online. Coming soon, our Client...

20/3,K/8 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06862432 Supplier Number: 58174758 (USE FORMAT 7 FOR FULLTEXT)

Neuromedia Builds Momentum, Signs New Customers to Create Virtual Representatives; End-of-Year Marks Achievements in Customer, Partner, Revenue and Technology Milestones.

Business Wire, p1316

Dec 13, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 859

... industries, NeuroCommerce(TM) and NeuroService(TM). Both of these solutions enable companies to create vReps - virtual online sales and customer service representatives that dynamically interact with customers via real-time, natural language dialog. Companies such as Bigstep.com, Convergys, Reflect.com, GoldMine Software, and Track Data are utilizing Neuromedia's technology to create and deploy vReps on their ...

20/3,K/9 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06759427 Supplier Number: 56945188 (USE FORMAT 7 FOR FULLTEXT)

Neuromedia Announces Closing of Its Second Round of Financing; Convergys

Leads \$3.5 Million Investment in Natural Language, Web Software Startup.
Business Wire, p1249
Oct 27, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 325

... enterprise customers throughout the world."

About Neuromedia

Founded in 1996, Neuromedia, Inc. provides scalable server software that enables the creation and deployment of Virtual Representatives -- vReps(TM). vReps are virtual online sales and customer service representatives that dynamically interact with customers via real-time, natural language dialog for e-commerce and...

20/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06685436 Supplier Number: 55930714 (USE FORMAT 7 FOR FULLTEXT)
Stockreporter Announces Investment Opinion on CathayOnline, Inc.;
Stockreporter Begins Coverage of CathayOnline, Inc. - CAOL - With a
Strong Buy Recommendation.
Business Wire, p1483
Sept 30, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 6956

... with existing modes of communications.

Internet-related Product Pipeline

Set-top Boxes

CathayOnline plans to offer Internet services through TV set-top boxes. This will enable the Company to target those customers who do not own personal computers, representing an enormous and as yet virtually untapped market in China. CAOL has established a partnership with a major Shenzhen-based firm to manufacture...

20/3,K/11 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05124677 Supplier Number: 47823388 (USE FORMAT 7 FOR FULLTEXT)
Prosolvias Clarus' Virtual Prototyping Software Oxygen Selected by Major
U.S. Nuclear Weapons Laboratory
PR Newswire, p0708NYTU027
July 8, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 485

... in simulation software than to attempt to develop it themselves," said Hallin.

Prosolvias Clarus' Oxygen software features a development toolkit as well as ready-to-use applications for solving specific problems...

...graphical user interface (GUI), drag-and-drop functionality, multiple undoes and real-time editing of simulations.

Prosolvias Clarus is the market leader in virtual reality and visual simulation for industrial users...

20/3,K/12 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04413050 Supplier Number: 46474354 (USE FORMAT 7 FOR FULLTEXT)
**TRILOGY ANNOUNCES VERSION 4.0 OF SALESBUILDER SOFTWARE; ENHANCING ITS
SELLING CHAIN SOLUTION**
PR Newswire, p617NEMM01
June 17, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 857

... in such diverse industries as aerospace, telecommunications,
trucking, furniture, automotive, financial services and information
technology.

Offering a point-of-sale solution, SalesBUILDER 4.0 integrates
essential information from sales, marketing and manufacturing in an
intuitive **graphical interface**. With a few keystrokes, **sales
representatives** can evaluate **customer** needs, accurately configure
systems, prepare quotes, and create a graphical representation -- right on
a laptop...

20/3,K/13 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04366329 Supplier Number: 46403745 (USE FORMAT 7 FOR FULLTEXT)
**WEBMEDIA(TM) ANNOUNCES NHL, SPORTSLINE USA, APPLE COMPUTERS REPRESENTATION
AGREEMENTS**
PR Newswire, p0521PGTU008
May 21, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1166

... the first interactive rep firms to make sense of the myriad of web
sites and **offer** to the advertisers a logical sequence to reach the
interactive consumer. "Instead of media buyers having to deal with an
onslaught of **sales representatives** from **individual web site**
organizations or web reps presenting a few sites, media buyers and planners
will have the...

20/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

10440827 SUPPLIER NUMBER: 21095748 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MARKET NOTES. (Brief Article)
WWD, v175, n162, p34S(1)
August 14, 1998
DOCUMENT TYPE: Brief Article ISSN: 0149-5380 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 320 LINE COUNT: 00028

... updated line of stretch trousers, \$90 to \$180.
Welcome to e-commerce. This month, Diskman **Software** of Dallas
introduces the Web site www.virtualapparelmart.net, a clearinghouse linking
buyers and sellers...

...Buyers can click on a manufacturer name and be instantly linked to the
company's **Web site** or **sales representative**. A **customer** service
option enables retailers to request availability and delivery status.
Diskman will also help Internet...

20/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

09646584 SUPPLIER NUMBER: 17852275 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Virtual reality techniques in NPD research. (new product development)
Rosenberger, Philip J., III; Chernatony, Leslie de
Journal of the Market Research Society, v37, n4, p345(11)
Oct, 1995
ISSN: 0025-3618 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4925 LINE COUNT: 00438

... difficult and resource-consuming process. For this reason, market researchers have turned to models and **simulations**. With the advent of **VR**, **market** researchers can **model consumers**' reactions to really new products and services. Information Acceleration and Visionary Shopper are two of...

...to predict the exact form that new models, such as SERVASSOR, will take. VR techniques **offer** many benefits to the NPD process, for example increasing customer involvement throughout the various NPD...

...process and ultimately increasing customer satisfaction with the product or service. With advances in computer **hardware** and **software**, market researchers will be faced with the increasing attractiveness of creatively using VR techniques to...

20/3,K/16 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08972332 SUPPLIER NUMBER: 18701823
Virtually home. (housing industry using virtual models and other computer technologies to design and market homes) (includes related article on using 3D floor plan software) (Industry Trend or Event)
Vrana, Debora
Los Angeles Times, v115, Mon ed, col 1, pD1
Sep 23, 1996
ISSN: 0458-3035 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: The housing industry is increasingly using virtual models and other computer technologies to design and **market** homes. Builders are utilizing **virtual models** to allow **buyers** to preview 3D mock-up dwellings. Many systems also permit buyers to partake in the...

...more than \$100,000 by using virtual models instead of physical models. Also, Presley's **software** can be used to sell houses in other developments.

20/3,K/17 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07357783 SUPPLIER NUMBER: 16215265
Xerox bets on virtual office. (firm to use notebook computers for its sales force) (includes related article on the tradeoffs of virtual offices)
Fitzgerald, Michael
Computerworld, v28, n44, p1(2)
Oct 31, 1994
ISSN: 0010-4841 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: first time Xerox has automated its sales operations. Xerox' move symbolizes growing trend toward the **virtual** office, which places engineers, **sales personnel** and service **representatives** closer to **customers**. Xerox is pleased with its selection of notebook computers for its sales staff because the systems provide immediate access to Xerox's corporate network and the **software** to rapidly develop proposals for

clients. Informal interviews with sales staff indicate they are pleased...

...persons. Xerox' computers come equipped with Microsoft Word, Excel and PowerPoint as well as access software and fax/modems.

20/3,K/18 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

04896339 SUPPLIER NUMBER: 09277118 (USE FORMAT 7 OR 9 FOR FULL TEXT)
What's in a name? (Kreative Koncepts & Designs) (Focus: South Suburban
Growth) (company profile)
Dobie, Frederick G.
Indianapolis Business Journal, v11, n22, p9S(1)
Sept 10, 1990
DOCUMENT TYPE: company profile ISSN: 0274-4929 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 943 LINE COUNT: 00072

... The name and ownership are the only things that have changed,
according to Coover's customers. The sales representatives and the
builders of displays and floats are the same, and the quality and price
of their work is equal to the company's past, said Lee Harris, deputy
director of public relations for American Legion National Headquarters here
in Indianapolis. Harris solicited competitive bid in the past for floats
and other displays, and K & K Displays always won, he...

20/3,K/19 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

03926618 SUPPLIER NUMBER: 07707385 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Food promotions with flair: from simple theme dinners to full-blown ethnic
festivals, food and beverage campaigns can help build traffic. (includes
a related article)
Metz, Carol Lally
Lodging Hospitality, v45, n6, p85(3)
June, 1989
ISSN: 0148-0766 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1868 LINE COUNT: 00149

... month span.
Clawson says promotional items are generally geared to casual cafe
restaurants and are priced to capture hotel guests, who represent
50-60 percent of restaurant trade. But display mats are provided to
pull in local traffic where local markets warrant. In image restaurants...

20/3,K/20 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00836093
A cable TV network for the hearing impaired will debut in 1/83.
Marketing & Media Decisions November, 1982 p. 26,30

... sign language as well as captioning and voice. According to VP R
Citron, hearing impaired individuals represent 'a virtually untapped
market for 22 million people...across the...spectrum of the country.'
Discussions with potential sponsors are underway. Initially, 15 hour/wk of
original programming is being offered, but expansion to 24 hour per day
is being planned. ...

20/3,K/21 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01824784 SUPPLIER NUMBER: 17209677

Assets in Wonderland. (includes related article on financial engineering tools)

Baum, David

Byte, v20, n7, p111(7)

July, 1995

ISSN: 0360-5280

LANGUAGE: English

RECORD TYPE: Abstract

...ABSTRACT: mapping current values for stocks and stock groups to the corresponding 3-D representations. The **hardware** platform used is a Pentium-based Windows PC with 16MB of RAM and a 256- **color display** . Graphical **representations** let **traders** readily perceive subtle market changes and make informed decisions. Faster PCs, digital video compression, improved...

20/3,K/22 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01694824 SUPPLIER NUMBER: 16158616 (USE FORMAT 7 OR 9 FOR FULL TEXT)

At the cutting edge. (finance companies exploiting the latest technologies) (includes related articles on TSB Bank and Lionhart Investments)

Davidson, Clive

Computer Weekly, p28(2)

July 7, 1994

ISSN: 0010-4787

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2536 LINE COUNT: 00205

... to "enter" and explore the information as if it were a physical environment.

The first **VR** product for **market traders** , **Metaphor Mixer** from Maxus Systems International of New York, appeared last year. It represents financial instruments as animated 3D objects in a market "terrain". The shape, **colour** and movement of the objects indicates factors such as **price** and volume and volatility of sales. It has already been used successfully at ABD Securities...

20/3,K/23 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01496873 SUPPLIER NUMBER: 11739202 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Accessing PC data with the Microsoft GDK. (Gateway Development Kit)

Tyack, Dan

Data Based Advisor, v10, n1, p74(2)

Jan, 1992

ISSN: 0740-5200

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1017 LINE COUNT: 00082

... C implementation of a stored procedure against a simple "database." The server application that this **code** was taken from was built using the sample "SQL Server gateway" provided with GDK 1...

...application adds the capability to execute a local stored procedure. The database accessed is a **simulated customer list** with **sales** information. The **virtual** table has the fields:

Column Name Datatype Description

CustomerName char (60) Name of customer CustomerAddress...

20/3,K/24 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01297544 SUPPLIER NUMBER: 07288270 (USE FORMAT 7 OR 9 FOR FULL TEXT)

High-tech aurora shines in CBOT's trading skies. (The Chicago Board of

Trade prolongs the life of the open outcry system)

Arend, Mark

Wall Street Computer Review, v6, n8, p90(2)

May, 1989

ISSN: 0738-4343

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 855

LINE COUNT: 00068

...ABSTRACT: CBOT) unveils Aurora, an auction-market trading system designed to replicate the activity of the trading pit. Aurora displays member icons as circles and squares in the center of the screen, which represents an arena. The system will use Apple Macintosh workstations with Texas Instruments' microExplorer software and Tandem Computers' NonStop VLX mainframe. Automation of the auction market provides the same information...

01655333 03-06323

Is there a future for futures?

Clow, Robert

Institutional Investor v32n6 PP: 53-61 Jun 1998 CODEN: ITIVAK ISSN:
0020-3580 JRNL CODE: IL

DOC TYPE: Journal article LANGUAGE: English LENGTH: 5 Pages

WORD COUNT: 3008

ABSTRACT: The price of a seat on the Chicago Board of Trade, which hit a record \$857,500 last May, plunged 33%, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German bund contract, has flopped, and another, futures on the Dow Jones Industrial average, has been slow to catch on. Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast mounting challenge to their primacy. Twenty five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power - is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation, dealers can design products and execute trades more cheaply and more efficiently using in-house than on exchanges.

TEXT: Headnote:

Once-proud open-outcry exchanges are battling for their lives against OTC markets and screen-based trading systems. - By Robert Clow

IN FEBRUARY 1997 CHICAGO MAYOR RICHARD DALEY opened the world's largest trading floor on the world's largest futures exchange. Costing \$182 million, encompassing 60,000 square feet and packing enough wiring to circle the earth, the new floor grandly proclaimed the Chicago Board of Trade's brimming self-confidence. Trumpeted enthusiastic chairman Patrick Arbor soon afterward: "The Chicago Board of Trade indeed has entered a golden era."

Barely 18 months later Chicago's gold has lost its luster. The price of a seat on the exchange, which hit a record \$857,500 last May, plunged 33 percent, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German Bund contract, has flopped, and another, futures on the Dow Jones industrial average, has been slow to catch on. Exchange members showed what they thought of the new era in March, when they voted down a proposal to hike Arbor's pay from \$240,000 to \$400,000.

"There are people who are demoralized about seat prices," concedes James Kaulentis, a managing partner of International Futures and Options Associates, the largest brokerage association on the Chicago Mercantile Exchange. One of his friends at the Merc even quit the business in disgust. "He has started a little company that trades OTC options in Las Vegas. He made more money in one month than in the whole year before."

Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast-mounting challenge to their primacy. Twenty-five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation (see box), dealers can design products and execute trades more cheaply and more efficiently in-house than on exchanges. Increasingly, their innovation and muscle threaten not just the old ways of doing business - the famously raucous open-outcry auctions of the pits, with their centuries-old roots in commodities trading - but the exchanges' very existence.

"We all know that one day or another, open outcry will be replaced by electronic trading," says Gerard Pfauwadel, who recently stepped down as chairman of Paris-based Matif. It's already happening. In April Matif made

electronic trading available to members for the first time. By the end of May Matif had announced that all trading would be electronic starting this month, a move that could put 600 to 700 traders out of work.

In March the London International Financial Futures and Options Exchange decided to adopt screens after losing a huge chunk of market share in German Bund (the ten-year government bond) futures to the increasingly aggressive and all-electronic -- Frankfurt-based Deutsche Terminborse. But Liffe's 1999 target date for screen trading may not come in time: Major dealers last month threatened to move their business in short-term Euromarks, the London exchange's strongest product, to the much cheaper DTB as well.

Locals, the floor traders who have traditionally held political power at many exchanges, have long resisted change, fearing a very real threat to their livelihood. But not adapting could prove more damaging in the long run. No one knows that better than 66-year-old Leo Melamed, the Merc's chairman emeritus and a financial futures market pioneer. Melamed argues: "We have to make our futures markets more competitive. We have to give the pit additional instruments that are more capable of being competitive with the OTC market. It's time to consider an electronic response."

One solution, exchange consolidation, is already occurring. Bitter rivals like the CBOT and the Merc are snuggling up to each other. In March the two exchanges agreed to combine their clearing operations, an arrangement some view as a prelude to a full-fledged merger. "I think we are going to see more consolidation in members and exchanges," admits Arbor. As for merging with the Merc, he says, "We have to do common clearing first."

But consolidation may be only a short-term solution. "The intermediation role of the exchange is diminishing as technology introduces better price discovery," says Les Hosking, chairman of the Sydney Futures Exchange, which has gone fully electronic. He foresees OTC markets taking over exchanges' most liquid markets in the future.

The futures exchanges still maintain the advantage of a centralized clearing mechanism, which eliminates counterparty risk. But the big dealers, boasting deep and cost-efficient OTC markets, have been mulling over the possibility of starting clearinghouses of their own. Should that happen, warns Jack Sandner, a former Merc chairman, exchanges "will be in a vast wasteland."

To survive, many experts, such as Sydney's Hosking and former Matif chairman Pfauwadel, argue that futures exchanges must begin to consolidate trading and clearing into one shared, global platform. This will not necessarily make them obsolete -- certain products, especially commodity futures, are still best traded regionally, and the trading pits excel at price discovery in less liquid markets. But financial futures, which account for some 70 percent of the exchanges' business, are migrating inexorably to the electronic marketplace. The inevitable result will be, in effect, a virtual trading floor, with no particular ties or resemblance to today's swarming pits. The surviving exchanges will become gateways to that virtual floor, distinguished by service and brand image - newfangled concepts to many old hands.

Chicago traders have long had good reason to be arrogant about their way of trading; they invented the financial futures market in the first place. Since 1972, when the Merc introduced financial futures, their form of open-outcry trading has been the model for futures exchanges around the world. Enormous government deficits sparked the success of the CBOT's Treasury bond futures in the early 1980s. Partisan Chicagoans boasted that the nation's "financial center of gravity" had moved west from New York.

Noting Chicago's success, futures exchanges sprouted around the world during the 1980s, including Liffe in 1982, the Singapore Monetary Exchange in 1984, Matif in 1986, the Tokyo International Financial Futures Exchange in 1989 and DTB in 1990.

At first these new entities imitated their Chicago elders. They built

trading pits to facilitate open outcry. And they adopted mutual organizations --members were primary owners - and operated on a not-for-profit basis. "We even imported our jackets from Chicago," recalls Matif's Pfauwadel, noting that Parisians do not normally look outside their city for wardrobe advice.

Exchange trading activity soared through the '80s and '90s, with its influence hitting a peak, at least in the public mind, in 1987, when many Wall Streeters blamed stock index futures for exacerbating the crash. But just as the futures exchanges seemed invincible, the OTC market was quietly gathering steam. The OTC derivatives market, launched in the early 1980s, exploded in the '90s, fostering liquidity and bringing prices down for users.

The OTC and exchange markets tend to have different customer bases as well. Corporate treasurers leaned toward the OTC market for risk management; the U.S. Treasury Management Association in 1995 found that only 10 percent of corporate treasurers used interest rate futures, whereas 71 percent used swaps. By contrast, institutional investors favor futures. Still, the exchanges enjoyed a symbiotic relationship with the OTC market, as OTC dealers, who are generally exchange members themselves, used them to off-load risk. Indeed, the development of the interest rate swaps market in the '80s gave the Merc's Eurodollar pits and similar short-term interest rate pits throughout the world, a huge boost.

But as the OTC market grew, its products began to compete more directly with exchange-traded futures. Take two very similar products: plain-vanilla swaps (an exchange of fixed and floating interest rate payments) and Eurodollar strips (futures bundled together in three-month rolling positions). The Merc no longer has an edge in liquidity over OTC swaps. There were \$6.5 trillion of dollar swaps outstanding at the end of June 1997, compared with a Eurodollar open interest of \$2.6 trillion on the Merc.

Nor does it have an edge in costs, as dealers adapt quickly to new technology, which makes trading cheaper. "The general trend is that the OTC market has undercut the Europits as margins have just gotten squeezed down," explains the head of one New York swaps desk. "The exchanges have not moved fast enough to keep their cost edge."

The costs of dealing on-exchange are usually half a basis point per dollar of notional value in the Eurodollar pit, whereas the OTC market for short-dated swaps and forward-rate agreements, or FRAs, often cuts that rate by half or more, going as low as an eighth or a tenth of a basis point. And unlike futures, which come in limited contract sizes and have arbitrary dates for the beginning and end of a contract, the size and life span of FRAs can easily be tailored to suit each deal.

Even as the OTC market mushroomed, most major futures exchanges continued to believe they had unshakable franchises. As recently as November 1996, Melamed chaired a panel discussion that included several heads of the leading futures exchanges. "And by God," he exclaims, only I and the chairman of the DTB were saying that you have to prepare to go electronic."

But change came with remarkable swiftness. The turning point: the so-called battle of the Bund early this year, pitting Liffe against the DTB.

Faithful in almost all respects to the Chicago model, the East End barrow boys built Liffe to become the second-largest futures exchange in the world, outstripping even the mighty Merc in trading volume. In the process, Liffe stole business from other European exchanges. By 1997 Liffe had become the most important trading center not just for short-dated sterling interest rate futures but also for short deutsche mark, Swiss franc, lira and ECU contracts.

The exchange could also claim 65 percent market share in the Bund contract. That is, until 1997, when the DTB made a staggering dash from behind, using fee holidays, free trading terminals and far lower trading costs to unseat

its U.K. rival as the dominant force in Bund futures trading. By April 1998 81 percent of Bund volume, some 6.8 million contracts monthly, was trading on the DTB.

But the battle of the Bund was just one struggle in a wider war for domination of European futures as anticipation of the euro continues to mount. When the single currency is introduced in January 1999, there will be one significant long-term interest rate contract in Europe. Most traders believe that whichever exchange controls Bund trading will control euro trading.

The DTB's victory was an important one strategically for the German futures industry, but the message it sent to futures exchanges worldwide may have been even more significant: In head-to-head competition, electronics can beat open outcry. "Our members would not even let us talk about electronic trading for the last two years," says departing Liffe chairman Jack Wigglesworth, who now envisions a time when exchanges will exist only in cyberspace.

After nearly a decade and a half championing the Chicago model, Liffe is planning to set up an electronic system to trade alongside its pits. If the pattern at Liffe comes to resemble that of Matif, where trading quickly migrated to screens, Liffe's 700 independent traders will find themselves out of jobs.

It could get worse. Citing the expense of Liffe's open-outcry system, Chase Manhattan Bank and Salomon Smith Barney, two of the exchange's most active members, last month threatened to move their short-term interest rate trading to the DTB next year. Until they made their threat, Liffe's unchallenged dominance of short-term interest rate trading had provided what seemed to be a bulwark against the attacks of the German exchange.

The reason Liffe's members could block electronic trading for so long is that the London exchange, like the CBOT and the Merc, has been a not-for-profit organization, owned and controlled by its members. Liffe's member-ownership structure meant that locals -- small traders dependent on the continued existence of the futures pits for their careers -- determined exchange strategy. Not surprisingly, the locals opposed electronic trading, arguing that computers could never handle the complexities of their work. However, the dramatic loss of the Bund franchise sent a harsh message to Liffe traders -- and to local traders in Chicago and other futures centers: that technology is going to put many of them out of work, and the most they can hope for is to sell out profitably. With some trepidation, in mid-April Liffe's board recommended that exchange shares be sold publicly and that the exchange become a for-profit entity.

The CBOT's Arbor says that his exchange needs to eliminate layers of costly support personnel on the exchange floor to remain competitive. "I think you are going to see [fewer] people working on our floors," he admits. So does the newly elected chairman of the Merc, Scott Gordon, who has worked as runner, phone clerk, a floor manager, trader and broker and head of a clearing firm. An impressive resume, but the number of different jobs Gordon has held indicates the sprawling infrastructure that the exchanges support. "Some of those jobs are somewhat anachronistic," admits Gordon.

The Merc cut expenses by 10 percent last year, but that's just a start. The Merc itself has a staff of 850 and more than 3,000 members. Thousands of people employed by members work the floor, a 70,000-square-foot trading arena spread over two levels. The Merc generates annual revenues of \$178.6 million on expenses of \$157.8 million.

The common-clearing agreement between the Merc and CBOT is a step toward eliminating costly inefficiencies. But the difficulty of making that decision doesn't bode well for continued cost-cutting. University of Chicago professor emeritus and Nobel laureate Merton Miller led the effort to bring the two Chicago exchanges' clearing systems together. "It took us two years to get common clearing," Miller says, noting that OTC dealers, as profit-making corporations, tend to have "more cards in the deck for dealing with changes."

Despite their woes, the futures exchanges still have a strong hand to play. For one thing, less liquid markets, such as agricultural and commodities futures, are less likely to be replaced by screen-based trading. And exchanges continue to innovate, introducing new products like bankruptcy futures, which might be used as hedging devices alongside burgeoning OTC credit derivatives markets. Further, with products like the recently introduced DJIA index futures, exchanges are betting that they can grow on the retail side of the market. Exchange chiefs remain adamantly optimistic. "I believe the CBOT will continue to grow in volume," says Arbor. "We have made a very important decision to grow in volume."

Probably the strongest attraction of exchange-traded futures for investors and traders is the backing of the exchange itself. "We like the counterparty credit risk of the exchange," says Adnan Akant, a managing director at Fischer Francis Trees & Watts, a New York-based money manager specializing in fixed income. The exchanges might be able to leverage that strength off the OTC market, by clearing swaps, for instance. "If and when the futures exchanges start clearing swaps, that would be a tremendous benefit, from our point of view," says James Keller, a portfolio manager at Pacific Investment Management Co. in Newport Beach, California, who has worked as a local at the CBOT and on Merrill Lynch's swaps desk.

OTC transactions are already being cleared in Sweden, and efforts are under way to clear swaps in London and Chicago. Progress has been slow because top dealers, who already have high credit ratings, are reluctant to give up their competitive advantage to a clearinghouse. But that could change as their credit lines fill up.

Meanwhile, Keller and Akant say their firms have increased their futures use over the past year, but both managers see areas where the dealer market serves them better than exchanges. Fischer Francis does not use foreign exchange futures on the Merc. "That's one market where the banks have an advantage," says Akant.

Driven by technology, the world's futures exchanges appear headed for convergence. The DTB and the Swiss Options and Financial Futures Exchange are merging to form a new entity called Eurex, while Matif is building an interface to allow its electronic trading system to deal with the German and Swiss systems. Early next century, when the DTB has to redesign its already aging system, Matif will collaborate in the effort, Pfauwadel says. Liffe officials have talked about buying the Matif system. If that were to happen, much of Europe could soon enjoy seamless futures trading.

Europe and the U.S. are forging links as well. On the clearing side, Matif has already adopted, but not yet implemented, the same clearing system as the Merc, which it developed with the New York Mercantile Exchange, and which the Merc will share with the CBOT. The Merc also continues to push Melamed's brainchild, Globex, an electronic after-hours trading system that flopped when it was launched in 1992. Now Globex 2 is on the drawing board alongside talks on common clearing and trading platforms.

But the bigger question is not whether platforms for common trading and clearing will come into being. They will. Customers demand them. The more troubling issue - to traders, customers and regulators - is whether control of the new platforms will migrate elsewhere. What's to stop a technology provider, like Reuters' Instinet, say, from owning the exchange of the future? Reuters has already made one foray into futures when it supplied the technology for Globex. The Merc and its Globex partners, Matif and Nymex, switched away from Reuters to an open architecture setup for Globex 2.

Banks, with their huge investments in technology and vital interest in the business, would seem to be a natural group to develop a new trading system. "Every investment bank is developing an electronic order-delivery system," says Sydney's Hosking. "Ultimately, they are going to say, 'Why the hell do we do it to the edge of the pit and no further?'" That's bad news for the exchanges. it

THIS IS THE FULL-TEXT. Copyright Institutional Investors System Inc 1998
GEOGRAPHIC NAMES: US

DESCRIPTORS: Electronic trading; Futures trading; Over the counter trading;
Futures exchanges; Consolidation

CLASSIFICATION CODES: 9190 (CN=United States); 3400 (CN=Investment
analysis); 8130 (CN=Investment services)

?

03670013 Supplier Number: 47907180 (THIS IS THE FULLTEXT)
CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts

M2 Presswire, pN/A

August 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 810

TEXT:

M2 PRESSWIRE-13 August 1997-CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:120897

* 'Virtual' S&P-mini trading now available on Merc's web site

"E-mini" S&P 500 futures and options contracts will begin trading on the Chicago Mercantile Exchange Sept. 9, Exchange officials announced. Regulatory approval for the contracts was received last month. In anticipation of the launch, the Merc is offering "virtual" trading on its Web site, at <http://www.cme.com/market/audittrack/intro.html>

E-mini S&P 500 futures will be priced at \$50 times the S&P index, or about \$48,000 at recently trading levels. The E-mini contracts, sized at a fraction of the CME's flagship S&P 500 futures contract --currently sized at \$500 times the index -- are expected to attract a wider range of investors, particularly many retail customers for whom the current contract size is too large.

Through a special offer with Audittrack, Inc., CME Web site users now can practice trading the E-mini in a virtual simulated environment. This offer represents the first time any exchange has offered virtual trading of a product via the Internet prior to the product's launch. The simulated trading is based on a program that incorporates liquidity and other characteristics of similar contracts that are already trading, as well as the E-mini's particular specifications. After the E-mini's Sept. 9 launch, the virtual trading will incorporate actual market conditions and prices in the simulated trading. Everyone who signs up is given \$100,000 in simulated funds to trade.

As part of this limited trial offer for virtual trading, Audittrack's usual transaction fees have been waived, so users have to pay only a \$10 processing charge to trade CME products on-line for one calendar month. As a kick-off to this special offer, anyone who signs up for the first time in August will be able to trade until September 30, 1997. Audittrack offers other at additional fees if users wish to extend their virtual trading beyond that date.

"The future is driven by and tied to technology," CME Chairman Jack Sandner said. "Live simulated 'virtual' trading of the E-mini S&P is a leap into the future. It will break new ground and begin a new era for futures trading."

CME Chairman Emeritus and Senior Policy Advisor Leo Melamed said: "No futures exchange before the Merc has taken the bold step of wedding open outcry trading with technology and the Internet. Our unrivaled dominance in equity index futures will be further enhanced by the new trading opportunities the E-mini will provide. At the same time, the Merc's GLOBEX system continues to expand, offering its technology to the world."

"The real beneficiaries of the E-mini S&P contract will be new small institutional and retail customers who will now be able to trade the stock market's benchmark index in an efficient and cost-effective way," and said CME President and CEO Rick Kilcollin. "The E-mini will only build on the success of our flagship S&P 500 futures contract."

Upon its launch, the E-mini S&P 500 will utilize the futures industry's first small-order electronic order routing and execution system. E-mini contracts will be executed on the GLOBEX system, with orders routed through a wide variety of means, including -- as a final phase -- the Internet. Orders for options and for 30 or fewer E-mini S&P futures will utilize completely electronic order entry, routing and trade matching, while larger orders will be executed by open outcry on the trading floor via an innovative All-Or-None (AON) pit facility.

The Chicago Mercantile Exchange is the world leader in trading stock index products, capturing more than 95 percent of U.S. volume and open

interest in stock index futures and options on futures for 1996. The new "mini" contracts will augment the Merc's family of stock index products; they will not replace the current contracts.

Launched in 1982, S&P 500 futures and options are today the most widely recognized stock index contracts in the world. In 1996, the Merc traded more than 20 million futures contracts -- more than 80,000 per day -- along with a record 6 million options on those futures contracts. The dollar value of S&P 500 futures traded each year exceeds that traded on the New York Stock Exchange by more than 90 percent. In 1997, S&P 500 futures trading has averaged more than \$35 billion per day.

The market value of the 500 firms comprising the index is equal to about 80 percent of the value of all stocks listed on the New York Stock Exchange. The S&P 500 is capitalization weighted, representing the market value of all outstanding common shares of the firms listed.

M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.

COPYRIGHT 1997 M2 Communications

THIS IS THE FULL TEXT: COPYRIGHT 1997 M2 Communications Subscription: \$ unavailable. Published 260 times per year. Contact M2 Communications, PO Box 505, Coventry, England CV2 5YA. Phone 44-1203-634700.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: M2 Communications

INDUSTRY NAMES: BUSN (Any type of business); INTL (Business, International)

03670013 Supplier Number: 47907180 (THIS IS THE FULLTEXT)
CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts
M2.Presswire, pN/A
August 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 810

TEXT:

M2 PRESSWIRE-13 August 1997-CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:120897

* 'Virtual' S&P-mini trading now available on Merc's web site

"E-mini" S&P 500 futures and options contracts will begin trading on the Chicago Mercantile Exchange Sept. 9, Exchange officials announced. Regulatory approval for the contracts was received last month. In anticipation of the launch, the Merc is offering "virtual" trading on its Web site, at <http://www.cme.com/market/audittrack/intro.html>

E-mini S&P 500 futures will be priced at \$50 times the S&P index, or about \$48,000 at recently trading levels. The E-mini contracts, sized at a fraction of the CME's flagship S&P 500 futures contract --currently sized at \$500 times the index -- are expected to attract a wider range of investors, particularly many retail customers for whom the current contract size is too large.

Through a special offer with Auditrack, Inc., CME Web site users now can practice trading the E-mini in a virtual simulated environment. This offer represents the first time any exchange has offered virtual trading of a product via the Internet prior to the product's launch. The simulated trading is based on a program that incorporates liquidity and other characteristics of similar contracts that are already trading, as well as the E-mini's particular specifications. After the E-mini's Sept. 9 launch, the virtual trading will incorporate actual market conditions and prices in the simulated trading. Everyone who signs up is given \$100,000 in simulated funds to trade.

As part of this limited trial offer for virtual trading, Auditrack's usual transaction fees have been waived, so users have to pay only a \$10 processing charge to trade CME products on-line for one calendar month. As a kick-off to this special offer, anyone who signs up for the first time in August will be able to trade until September 30, 1997. Auditrack offers other at additional fees if users wish to extend their virtual trading beyond that date.

"The future is driven by and tied to technology," CME Chairman Jack Sandner said. "Live simulated 'virtual' trading of the E-mini S&P is a leap into the future. It will break new ground and begin a new era for futures trading."

CME Chairman Emeritus and Senior Policy Advisor Leo Melamed said: "No futures exchange before the Merc has taken the bold step of wedding open outcry trading with technology and the Internet. Our unrivaled dominance in equity index futures will be further enhanced by the new trading opportunities the E-mini will provide. At the same time, the Merc's GLOBEX system continues to expand, offering its technology to the world."

"The real beneficiaries of the E-mini S&P contract will be new small institutional and retail customers who will now be able to trade the stock market's benchmark index in an efficient and cost-effective way," and said CME President and CEO Rick Kilcollin. "The E-mini will only build on the success of our flagship S&P 500 futures contract."

Upon its launch, the E-mini S&P 500 will utilize the futures industry's first small-order electronic order routing and execution system. E-mini contracts will be executed on the GLOBEX system, with orders routed through a wide variety of means, including -- as a final phase -- the Internet. Orders for options and for 30 or fewer E-mini S&P futures will utilize completely electronic order entry, routing and trade matching, while larger orders will be executed by open outcry on the trading floor via an innovative All-Or-None (AON) pit facility.

The Chicago Mercantile Exchange is the world leader in trading stock index products, capturing more than 95 percent of U.S. volume and open

2
interest in stock index futures and options on futures for 1996. The new "mini" contracts will augment the Merc's family of stock index products; they will not replace the current contracts.

Launched in 1982, S&P 500 futures and options are today the most widely recognized stock index contracts in the world. In 1996, the Merc traded more than 20 million futures contracts -- more than 80,000 per day -- along with a record 6 million options on those futures contracts. The dollar value of S&P 500 futures traded each year exceeds that traded on the New York Stock Exchange by more than 90 percent. In 1997, S&P 500 futures trading has averaged more than \$35 billion per day.

The market value of the 500 firms comprising the index is equal to about 80 percent of the value of all stocks listed on the New York Stock Exchange. The S&P 500 is capitalization weighted, representing the market value of all outstanding common shares of the firms listed.

M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.

COPYRIGHT 1997 M2 Communications

THIS IS THE FULL TEXT: COPYRIGHT 1997 M2 Communications Subscription: \$ unavailable. Published 260 times per year. Contact M2 Communications, PO Box 505, Coventry, England CV2 5YA. Phone 44-1203-634700.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: M2 Communications

INDUSTRY NAMES: BUSN (Any type of business); INTL (Business, International)

01655333 03-06323

Is there a future for futures?

Clow, Robert

Institutional Investor v32n6 PP: 53-61 Jun 1996 CODEN: ITIVAK ISSN:
0020-3580 JRNL CODE: IL

DOC TYPE: Journal article LANGUAGE: English LENGTH: 5 Pages

WORD COUNT: 3008

ABSTRACT: The price of a seat on the Chicago Board of Trade, which hit a record \$857,500 last May, plunged 33%, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German bund contract, has flopped, and another, futures on the Dow Jones Industrial average, has been slow to catch on. Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast mounting challenge to their primacy. Twenty five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power - is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation, dealers can design products and execute trades more cheaply and more efficiently using in-house than on exchanges.

TEXT: Headnote:

Once-proud open-outcry exchanges are battling for their lives against OTC markets and screen-based trading systems. - By Robert Clow

IN FEBRUARY 1997 CHICAGO MAYOR RICHARD DALEY opened the world's largest trading floor on the world's largest futures exchange. Costing \$182 million, encompassing 60,000 square feet and packing enough wiring to circle the earth, the new floor grandly proclaimed the Chicago Board of Trade's brimming self-confidence. Trumpeted enthusiastic chairman Patrick Arbor soon afterward: "The Chicago Board of Trade indeed has entered a golden era."

Barely 18 months later Chicago's gold has lost its luster. The price of a seat on the exchange, which hit a record \$857,500 last May, plunged 33 percent, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German Bund contract, has flopped, and another, futures on the Dow Jones Industrial average, has been slow to catch on. Exchange members showed what they thought of the new era in March, when they voted down a proposal to hike Arbor's pay from \$240,000 to \$400,000.

"There are people who are demoralized about seat prices," concedes James Kaulentis, a managing partner of International Futures and Options Associates, the largest brokerage association on the Chicago Mercantile Exchange. One of his friends at the Merc even quit the business in disgust. "He has started a little company that trades OTC options in Las Vegas. He made more money in one month than in the whole year before."

Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast-mounting challenge to their primacy. Twenty-five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation (see box), dealers can design products and execute trades more cheaply and more efficiently in-house than on exchanges. Increasingly, their innovation and muscle threaten not just the old ways of doing business - the famously raucous open-outcry auctions of the pits, with their centuries-old roots in commodities trading - but the exchanges' very existence.

"We all know that one day or another, open outcry will be replaced by electronic trading," says Gerard Pfauwadel, who recently stepped down as chairman of Paris-based Matif. It's already happening. In April Matif made

electronic trading available to members for the first time. By the end of May Matif had announced that all trading would be electronic starting this month, a move that could put 600 to 700 traders out of work.

In March the London International Financial Futures and Options Exchange decided to adopt screens after losing a huge chunk of market share in German Bund (the ten-year government bond) futures to the increasingly aggressive and all-electronic -- Frankfurt-based Deutsche Terminborse. But Liffe's 1999 target date for screen trading may not come in time: Major dealers last month threatened to move their business in short-term Euromarks, the London exchange's strongest product, to the much cheaper DTB as well.

Locals, the floor traders who have traditionally held political power at many exchanges, have long resisted change, fearing a very real threat to their livelihood. But not adapting could prove more damaging in the long run. No one knows that better than 66-year-old Leo Melamed, the Merc's chairman emeritus and a financial futures market pioneer. Melamed argues: "We have to make our futures markets more competitive. We have to give the pit additional instruments that are more capable of being competitive with the OTC market. It's time to consider an electronic response."

One solution, exchange consolidation, is already occurring. Bitter rivals like the CBOT and the Merc are snuggling up to each other. In March the two exchanges agreed to combine their clearing operations, an arrangement some view as a prelude to a full-fledged merger. "I think we are going to see more consolidation in members and exchanges," admits Arbor. As for merging with the Merc, he says, "We have to do common clearing first."

But consolidation may be only a short-term solution. "The intermediation role of the exchange is diminishing as technology introduces better price discovery," says Les Hosking, chairman of the Sydney Futures Exchange, which has gone fully electronic. He foresees OTC markets taking over exchanges' most liquid markets in the future.

The futures exchanges still maintain the advantage of a centralized clearing mechanism, which eliminates counterparty risk. But the big dealers, boasting deep and cost-efficient OTC markets, have been mulling over the possibility of starting clearinghouses of their own. Should that happen, warns Jack Sandner, a former Merc chairman, exchanges "will be in a vast wasteland."

To survive, many experts, such as Sydney's Hosking and former Matif chairman Pfauwadel, argue that futures exchanges must begin to consolidate trading and clearing into one shared, global platform. This will not necessarily make them obsolete -- certain products, especially commodity futures, are still best traded regionally, and the trading pits excel at price discovery in less liquid markets. But financial futures, which account for some 70 percent of the exchanges' business, are migrating inexorably to the electronic marketplace. The inevitable result will be, in effect, a virtual trading floor, with no particular ties or resemblance to today's swarming pits. The surviving exchanges will become gateways to that virtual floor, distinguished by service and brand image - newfangled concepts to many old hands.

Chicago traders have long had good reason to be arrogant about their way of trading; they invented the financial futures market in the first place. Since 1972, when the Merc introduced financial futures, their form of open-outcry trading has been the model for futures exchanges around the world. Enormous government deficits sparked the success of the CBOT's Treasury bond futures in the early 1980s. Partisan Chicagoans boasted that the nation's "financial center of gravity" had moved west from New York.

Noting Chicago's success, futures exchanges sprouted around the world during the 1980s, including Liffe in 1982, the Singapore Monetary Exchange in 1984, Matif in 1986, the Tokyo International Financial Futures Exchange in 1989 and DTB in 1990.

At first these new entities imitated their Chicago elders. They built

3

trading pits to facilitate open outcry. And they adopted mutual organizations --members were primary owners - and operated on a not-for-profit basis. "We even imported our jackets from Chicago," recalls Matif's Pfauwadel, noting that Parisians do not normally look outside their city for wardrobe advice.

Exchange trading activity soared through the '80s and '90s, with its influence hitting a peak, at least in the public mind, in 1987, when many Wall Streeters blamed stock index futures for exacerbating the crash. But just as the futures exchanges seemed invincible, the OTC market was quietly gathering steam. The OTC derivatives market, launched in the early 1980s, exploded in the '90s, fostering liquidity and bringing prices down for users.

The OTC and exchange markets tend to have different customer bases as well. Corporate treasurers leaned toward the OTC market for risk management; the U.S. Treasury Management Association in 1995 found that only 10 percent of corporate treasurers used interest rate futures, whereas 71 percent used swaps. By contrast, institutional investors favor futures. Still, the exchanges enjoyed a symbiotic relationship with the OTC market, as OTC dealers, who are generally exchange members themselves, used them to off-load risk. Indeed, the development of the interest rate swaps market in the '80s gave the Merc's Eurodollar pits and similar short-term interest rate pits throughout the world, a huge boost.

But as the OTC market grew, its products began to compete more directly with exchange-traded futures. Take two very similar products: plain-vanilla swaps (an exchange of fixed and floating interest rate payments) and Eurodollar strips (futures bundled together in three-month rolling positions). The Merc no longer has an edge in liquidity over OTC swaps. There were \$6.5 trillion of dollar swaps outstanding at the end of June 1997, compared with a Eurodollar open interest of \$2.6 trillion on the Merc.

Nor does it have an edge in costs, as dealers adapt quickly to new technology, which makes trading cheaper. "The general trend is that the OTC market has undercut the Europits as margins have just gotten squeezed down," explains the head of one New York swaps desk. "The exchanges have not moved fast enough to keep their cost edge."

The costs of dealing on-exchange are usually half a basis point per dollar of notional value in the Eurodollar pit, whereas the OTC market for short-dated swaps and forward-rate agreements, or FRAs, often cuts that rate by half or more, going as low as an eighth or a tenth of a basis point. And unlike futures, which come in limited contract sizes and have arbitrary dates for the beginning and end of a contract, the size and life span of FRAs can easily be tailored to suit each deal.

Even as the OTC market mushroomed, most major futures exchanges continued to believe they had unshakable franchises. As recently as November 1996, Melamed chaired a panel discussion that included several heads of the leading futures exchanges. "And by God," he exclaims, only I and the chairman of the DTB were saying that you have to prepare to go electronic."

But change came with remarkable swiftness. The turning point: the so-called battle of the Bund early this year, pitting Liffe against the DTB.

Faithful in almost all respects to the Chicago model, the East End barrow boys built Liffe to become the second-largest futures exchange in the world, outstripping even the mighty Merc in trading volume. In the process, Liffe stole business from other European exchanges. By 1997 Liffe had become the most important trading center not just for short-dated sterling interest rate futures but also for short deutsche mark, Swiss franc, lira and ECU contracts.

The exchange could also claim 65 percent market share in the Bund contract. That is, until 1997, when the DTB made a staggering dash from behind, using fee holidays, free trading terminals and far lower trading costs to unseat

4
its U.K. rival as the dominant force in Bund futures trading. By April 1998 81 percent of Bund volume, some 6.8 million contracts monthly, was trading on the DTB.

But the battle of the Bund was just one struggle in a wider war for domination of European futures as anticipation of the euro continues to mount. When the single currency is introduced in January 1999, there will be one significant long-term interest rate contract in Europe. Most traders believe that whichever exchange controls Bund trading will control euro trading.

The DTB's victory was an important one strategically for the German futures industry, but the message it sent to futures exchanges worldwide may have been even more significant: In head-to-head competition, electronics can beat open outcry. "Our members would not even let us talk about electronic trading for the last two years," says departing Liffe chairman Jack Wigglesworth, who now envisions a time when exchanges will exist only in cyberspace.

After nearly a decade and a half championing the Chicago model, Liffe is planning to set up an electronic system to trade alongside its pits. If the pattern at Liffe comes to resemble that of Matif, where trading quickly migrated to screens, Liffe's 700 independent traders will find themselves out of jobs.

It could get worse. Citing the expense of Liffe's open-outcry system, Chase Manhattan Bank and Salomon Smith Barney, two of the exchange's most active members, last month threatened to move their short-term interest rate trading to the DTB next year. Until they made their threat, Liffe's unchallenged dominance of short-term interest rate trading had provided what seemed to be a bulwark against the attacks of the German exchange.

The reason Liffe's members could block electronic trading for so long is that the London exchange, like the CBOT and the Merc, has been a not-for-profit organization, owned and controlled by its members. Liffe's member-ownership structure meant that locals -- small traders dependent on the continued existence of the futures pits for their careers -- determined exchange strategy. Not surprisingly, the locals opposed electronic trading, arguing that computers could never handle the complexities of their work. However, the dramatic loss of the Bund franchise sent a harsh message to Liffe traders -- and to local traders in Chicago and other futures centers: that technology is going to put many of them out of work, and the most they can hope for is to sell out profitably. With some trepidation, in mid-April Liffe's board recommended that exchange shares be sold publicly and that the exchange become a for-profit entity.

The CBOT's Arbor says that his exchange needs to eliminate layers of costly support personnel on the exchange floor to remain competitive. "I think you are going to see [fewer] people working on our floors," he admits. So does the newly elected chairman of the Merc, Scott Gordon, who has worked as runner, phone clerk, a floor manager, trader and broker and head of a clearing firm. An impressive resume, but the number of different jobs Gordon has held indicates the sprawling infrastructure that the exchanges support. "Some of those jobs are somewhat anachronistic," admits Gordon.

The Merc cut expenses by 10 percent last year, but that's just a start. The Merc itself has a staff of 850 and more than 3,000 members. Thousands of people employed by members work the floor, a 70,000-square-foot trading arena spread over two levels. The Merc generates annual revenues of \$178.6 million on expenses of \$157.8 million.

The common-clearing agreement between the Merc and CBOT is a step toward eliminating costly inefficiencies. But the difficulty of making that decision doesn't bode well for continued cost-cutting. University of Chicago professor emeritus and Nobel laureate Merton Miller led the effort to bring the two Chicago exchanges' clearing systems together. "It took us two years to get common clearing," Miller says, noting that OTC dealers, as profit-making corporations, tend to have "more cards in the deck for dealing with changes."

Despite their woes, the futures exchanges still have a strong hand to play. For one thing, less liquid markets, such as agricultural and commodities futures, are less likely to be replaced by screen-based trading. And exchanges continue to innovate, introducing new products like bankruptcy futures, which might be used as hedging devices alongside burgeoning OTC credit derivatives markets. Further, with products like the recently introduced DJIA index futures, exchanges are betting that they can grow on the retail side of the market. Exchange chiefs remain adamantly optimistic. "I believe the CBOT will continue to grow in volume," says Arbor. "We have made a very important decision to grow in volume."

Probably the strongest attraction of exchange-traded futures for investors and traders is the backing of the exchange itself. "We like the counterparty credit risk of the exchange," says Adnan Akant, a managing director at Fischer Francis Trees & Watts, a New York-based money manager specializing in fixed income. The exchanges might be able to leverage that strength off the OTC market, by clearing swaps, for instance. "If and when the futures exchanges start clearing swaps, that would be a tremendous benefit, from our point of view," says James Keller, a portfolio manager at Pacific Investment Management Co. in Newport Beach, California, who has worked as a local at the CBOT and on Merrill Lynch's swaps desk.

OTC transactions are already being cleared in Sweden, and efforts are under way to clear swaps in London and Chicago. Progress has been slow because top dealers, who already have high credit ratings, are reluctant to give up their competitive advantage to a clearinghouse. But that could change as their credit lines fill up.

Meanwhile, Keller and Akant say their firms have increased their futures use over the past year, but both managers see areas where the dealer market serves them better than exchanges. Fischer Francis does not use foreign exchange futures on the Merc. "That's one market where the banks have an advantage," says Akant.

Driven by technology, the world's futures exchanges appear headed for convergence. The DTB and the Swiss Options and Financial Futures Exchange are merging to form a new entity called Eurex, while Matif is building an interface to allow its electronic trading system to deal with the German and Swiss systems. Early next century, when the DTB has to redesign its already aging system, Matif will collaborate in the effort, Pfauwadel says. Liffe officials have talked about buying the Matif system. If that were to happen, much of Europe could soon enjoy seamless futures trading.

Europe and the U.S. are forging links as well. On the clearing side, Matif has already adopted, but not yet implemented, the same clearing system as the Merc, which it developed with the New York Mercantile Exchange, and which the Merc will share with the CBOT. The Merc also continues to push Melamed's brainchild, Globex, an electronic after-hours trading system that flopped when it was launched in 1992. Now Globex 2 is on the drawing board alongside talks on common clearing and trading platforms.

But the bigger question is not whether platforms for common trading and clearing will come into being. They will. Customers demand them. The more troubling issue - to traders, customers and regulators - is whether control of the new platforms will migrate elsewhere. What's to stop a technology provider, like Reuters' Instinet, say, from owning the exchange of the future? Reuters has already made one foray into futures when it supplied the technology for Globex. The Merc and its Globex partners, Matif and Nymex, switched away from Reuters to an open architecture setup for Globex 2.

Banks, with their huge investments in technology and vital interest in the business, would seem to be a natural group to develop a new trading system. "Every investment bank is developing an electronic order-delivery system," says Sydney's Hosking. "Ultimately, they are going to say, 'Why the hell do we do it to the edge of the pit and no further?'" That's bad news for the exchanges. it

THIS IS THE FULL-TEXT. Copyright Institutional Investors System Inc 1998
GEOGRAPHIC NAMES: US

DESCRIPTORS: Electronic trading; Futures trading; Over the counter trading;
Futures exchanges; Consolidation

CLASSIFICATION CODES: 9190 (CN=United States); 3400 (CN=Investment
analysis); 8130 (CN=Investment services)

?

03670013 Supplier Number: 47907180 (THIS IS THE FULLTEXT)

CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts

M2 Presswire, pN/A

August 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 810

TEXT:

M2 PRESSWIRE-13 August 1997-CME: CME announces Sept. 9 launch for 'E-Mini' S&P 500 contracts (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:120897

* 'Virtual' S&P-mini trading now available on Merc's web site

"E-mini" S&P 500 futures and options contracts will begin trading on the Chicago Mercantile Exchange Sept. 9, Exchange officials announced. Regulatory approval for the contracts was received last month. In anticipation of the launch, the Merc is offering "virtual" trading on its Web site, at <http://www.cme.com/market/auditrack/intro.html>

E-mini S&P 500 futures will be priced at \$50 times the S&P index, or about \$48,000 at recently trading levels. The E-mini contracts, sized at a fraction of the CME's flagship S&P 500 futures contract --currently sized at \$500 times the index -- are expected to attract a wider range of investors, particularly many retail customers for whom the current contract size is too large.

Through a special offer with Auditrack, Inc., CME Web site users now can practice trading the E-mini in a virtual simulated environment. This offer represents the first time any exchange has offered virtual trading of a product via the Internet prior to the product's launch. The simulated trading is based on a program that incorporates liquidity and other characteristics of similar contracts that are already trading, as well as the E-mini's particular specifications. After the E-mini's Sept. 9 launch, the virtual trading will incorporate actual market conditions and prices in the simulated trading. Everyone who signs up is given \$100,000 in simulated funds to trade.

As part of this limited trial offer for virtual trading, Auditrack's usual transaction fees have been waived, so users have to pay only a \$10 processing charge to trade CME products on-line for one calendar month. As a kick-off to this special offer, anyone who signs up for the first time in August will be able to trade until September 30, 1997. Auditrack offers other at additional fees if users wish to extend their virtual trading beyond that date.

"The future is driven by and tied to technology," CME Chairman Jack Sandner said. "Live simulated 'virtual' trading of the E-mini S&P is a leap into the future. It will break new ground and begin a new era for futures trading."

CME Chairman Emeritus and Senior Policy Advisor Leo Melamed said: "No futures exchange before the Merc has taken the bold step of wedding open outcry trading with technology and the Internet. Our unrivaled dominance in equity index futures will be further enhanced by the new trading opportunities the E-mini will provide. At the same time, the Merc's GLOBEX system continues to expand, offering its technology to the world."

"The real beneficiaries of the E-mini S&P contract will be new small institutional and retail customers who will now be able to trade the stock market's benchmark index in an efficient and cost-effective way," and said CME President and CEO Rick Kilcollin. "The E-mini will only build on the success of our flagship S&P 500 futures contract."

Upon its launch, the E-mini S&P 500 will utilize the futures industry's first small-order electronic order routing and execution system. E-mini contracts will be executed on the GLOBEX system, with orders routed through a wide variety of means, including -- as a final phase -- the Internet. Orders for options and for 30 or fewer E-mini S&P futures will utilize completely electronic order entry, routing and trade matching, while larger orders will be executed by open outcry on the trading floor via an innovative All-Or-None (AON) pit facility.

The Chicago Mercantile Exchange is the world leader in trading stock index products, capturing more than 95 percent of U.S. volume and open

2
interest in stock index futures and options on futures for 1996. The new "mini" contracts will augment the Merc's family of stock index products; they will not replace the current contracts.

Launched in 1982, S&P 500 futures and options are today the most widely recognized stock index contracts in the world. In 1996, the Merc traded more than 20 million futures contracts -- more than 30,000 per day -- along with a record 6 million options on those futures contracts. The dollar value of S&P 500 futures traded each year exceeds that traded on the New York Stock Exchange by more than 90 percent. In 1997, S&P 500 futures trading has averaged more than \$35 billion per day.

The market value of the 500 firms comprising the index is equal to about 80 percent of the value of all stocks listed on the New York Stock Exchange. The S&P 500 is capitalization weighted, representing the market value of all outstanding common shares of the firms listed.

M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.

COPYRIGHT 1997 M2 Communications

THIS IS THE FULL TEXT: COPYRIGHT 1997 M2 Communications Subscription: \$ unavailable. Published 260 times per year. Contact M2 Communications, PO Box 505, Coventry, England CV2 5YA. Phone 44-1203-634700.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: M2 Communications

INDUSTRY NAMES: BUSN (Any type of business); INTL Business,
International}

01655333 03-06323

Is there a future for futures?

Clow, Robert

Institutional Investor v32n6 PP: 53-61 Jun 1998 CODEN: ITIVAK ISSN:
0020-3580 JRNL CODE: IL

DOC TYPE: Journal article LANGUAGE: English LENGTH: 5 Pages

WORD COUNT: 3008

ABSTRACT: The price of a seat on the Chicago Board of Trade, which hit a record \$857,500 last May, plunged 33%, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German bund contract, has flopped, and another, futures on the Dow Jones Industrial average, has been slow to catch on. Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast mounting challenge to their primacy. Twenty five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power - is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation, dealers can design products and execute trades more cheaply and more efficiently using in-house than on exchanges.

TEXT: Headnote:

Once-proud open-outcry exchanges are battling for their lives against OTC markets and screen-based trading systems. - By Robert Clow

IN FEBRUARY 1997 CHICAGO MAYOR RICHARD DALEY opened the world's largest trading floor on the world's largest futures exchange. Costing \$182 million, encompassing 60,000 square feet and packing enough wiring to circle the earth, the new floor grandly proclaimed the Chicago Board of Trade's brimming self-confidence. Trumpeted enthusiastic chairman Patrick Arbor soon afterward: "The Chicago Board of Trade indeed has entered a golden era."

Barely 18 months later Chicago's gold has lost its luster. The price of a seat on the exchange, which hit a record \$857,500 last May, plunged 33 percent, to \$576,000, in May of this year. One of the exchange's most ballyhooed new products, a German Bund contract, has flopped, and another, futures on the Dow Jones industrial average, has been slow to catch on. Exchange members showed what they thought of the new era in March, when they voted down a proposal to hike Arbor's pay from \$240,000 to \$400,000.

"There are people who are demoralized about seat prices," concedes James Kaulentis, a managing partner of International Futures and Options Associates, the largest brokerage association on the Chicago Mercantile Exchange. One of his friends at the Merc even quit the business in disgust. "He has started a little company that trades OTC options in Las Vegas. He made more money in one month than in the whole year before."

Chicago's problems are far from isolated. Worldwide, once confident, even arrogant, futures exchanges face a fast-mounting challenge to their primacy. Twenty-five years after the first exchange-listed financial futures ignited a risk management revolution, the epicenter - and power is shifting to electronic dealer markets and the over-the-counter trading of massively capitalized commercial and investment banks. Driven by rapid technological advances and far less regulation (see box), dealers can design products and execute trades more cheaply and more efficiently in-house than on exchanges. Increasingly, their innovation and muscle threaten not just the old ways of doing business - the famously raucous open-outcry auctions of the pits, with their centuries-old roots in commodities trading - but the exchanges' very existence.

"We all know that one day or another, open outcry will be replaced by electronic trading," says Gerard Pfauwadel, who recently stepped down as chairman of Paris-based Matif. It's already happening. In April Matif made

electronic trading available to members for the first time. By the end of May Matif had announced that all trading would be electronic starting this month, a move that could put 600 to 700 traders out of work.

In March the London International Financial Futures and Options Exchange decided to adopt screens after losing a huge chunk of market share in German Bund (the ten-year government bond) futures to the increasingly aggressive and all-electronic -- Frankfurt-based Deutsche Terminborse. But Liffe's 1999 target date for screen trading may not come in time: Major dealers last month threatened to move their business in short-term Euromarks, the London exchange's strongest product, to the much cheaper DTB as well.

Locals, the floor traders who have traditionally held political power at many exchanges, have long resisted change, fearing a very real threat to their livelihood. But not adapting could prove more damaging in the long run. No one knows that better than 66-year-old Leo Melamed, the Merc's chairman emeritus and a financial futures market pioneer. Melamed argues: "We have to make our futures markets more competitive. We have to give the pit additional instruments that are more capable of being competitive with the OTC market. It's time to consider an electronic response." One solution, exchange consolidation, is already occurring. Bitter rivals like the CBOT and the Merc are snuggling up to each other. In March the two exchanges agreed to combine their clearing operations, an arrangement some view as a prelude to a full-fledged merger. "I think we are going to see more consolidation in members and exchanges," admits Arbor. As for merging with the Merc, he says, "We have to do common clearing first."

But consolidation may be only a short-term solution. "The intermediation role of the exchange is diminishing as technology introduces better price discovery," says Les Hosking, chairman of the Sydney Futures Exchange, which has gone fully electronic. He foresees OTC markets taking over exchanges' most liquid markets in the future.

The futures exchanges still maintain the advantage of a centralized clearing mechanism, which eliminates counterparty risk. But the big dealers, boasting deep and cost-efficient OTC markets, have been mulling over the possibility of starting clearinghouses of their own. Should that happen, warns Jack Sandner, a former Merc chairman, exchanges "will be in a vast wasteland."

To survive, many experts, such as Sydney's Hosking and former Matif chairman Pfauwadel, argue that futures exchanges must begin to consolidate trading and clearing into one shared, global platform. This will not necessarily make them obsolete -- certain products, especially commodity futures, are still best traded regionally, and the trading pits excel at price discovery in less liquid markets. But financial futures, which account for some 70 percent of the exchanges' business, are migrating inexorably to the electronic marketplace. The inevitable result will be, in effect, a virtual trading floor, with no particular ties or resemblance to today's swarming pits. The surviving exchanges will become gateways to that virtual floor, distinguished by service and brand image -- newfangled concepts to many old hands.

Chicago traders have long had good reason to be arrogant about their way of trading; they invented the financial futures market in the first place. Since 1972, when the Merc introduced financial futures, their form of open-outcry trading has been the model for futures exchanges around the world. Enormous government deficits sparked the success of the CBOT's Treasury bond futures in the early 1980s. Partisan Chicagoans boasted that the nation's "financial center of gravity" had moved west from New York.

Noting Chicago's success, futures exchanges sprouted around the world during the 1980s, including Liffe in 1982, the Singapore Monetary Exchange in 1984, Matif in 1986, the Tokyo International Financial Futures Exchange in 1989 and DTB in 1990.

At first these new entities imitated their Chicago elders. They built

trading pits to facilitate open outcry. And they adopted mutual organizations --members were primary owners - and operated on a not-for-profit basis. "We even imported our jackets from Chicago," recalls Matif's Pfauwadel, noting that Parisians do not normally look outside their city for wardrobe advice.

Exchange trading activity soared through the '80s and '90s, with its influence hitting a peak, at least in the public mind, in 1987, when many Wall Streeters blamed stock index futures for exacerbating the crash. But just as the futures exchanges seemed invincible, the OTC market was quietly gathering steam. The OTC derivatives market, launched in the early 1980s, exploded in the '90s, fostering liquidity and bringing prices down for users.

The OTC and exchange markets tend to have different customer bases as well. Corporate treasurers leaned toward the OTC market for risk management; the U.S. Treasury Management Association in 1995 found that only 10 percent of corporate treasurers used interest rate futures, whereas 71 percent used swaps. By contrast, institutional investors favor futures. Still, the exchanges enjoyed a symbiotic relationship with the OTC market, as OTC dealers, who are generally exchange members themselves, used them to off-load risk. Indeed, the development of the interest rate swaps market in the '80s gave the Merc's Eurodollar pits and similar short-term interest rate pits throughout the world, a huge boost.

But as the OTC market grew, its products began to compete more directly with exchange-traded futures. Take two very similar products: plain-vanilla swaps (an exchange of fixed and floating interest rate payments) and Eurodollar strips (futures bundled together in three-month rolling positions). The Merc no longer has an edge in liquidity over OTC swaps. There were \$6.5 trillion of dollar swaps outstanding at the end of June 1997, compared with a Eurodollar open interest of \$2.6 trillion on the Merc.

Nor does it have an edge in costs, as dealers adapt quickly to new technology, which makes trading cheaper. "The general trend is that the OTC market has undercut the Europits as margins have just gotten squeezed down," explains the head of one New York swaps desk. "The exchanges have not moved fast enough to keep their cost edge."

The costs of dealing on-exchange are usually half a basis point per dollar of notional value in the Eurodollar pit, whereas the OTC market for short-dated swaps and forward-rate agreements, or FRAs, often cuts that rate by half or more, going as low as an eighth or a tenth of a basis point. And unlike futures, which come in limited contract sizes and have arbitrary dates for the beginning and end of a contract, the size and life span of FRAs can easily be tailored to suit each deal.

Even as the OTC market mushroomed, most major futures exchanges continued to believe they had unshakable franchises. As recently as November 1996, Melamed chaired a panel discussion that included several heads of the leading futures exchanges. "And by God," he exclaims, only I and the chairman of the DTB were saying that you have to prepare to go electronic."

But change came with remarkable swiftness. The turning point: the so-called battle of the Bund early this year, pitting Liffe against the DTB.

Faithful in almost all respects to the Chicago model, the East End barrow boys built Liffe to become the second-largest futures exchange in the world, outstripping even the mighty Merc in trading volume. In the process, Liffe stole business from other European exchanges. By 1997 Liffe had become the most important trading center not just for short-dated sterling interest rate futures but also for short deutsche mark, Swiss franc, lira and ECU contracts.

The exchange could also claim 65 percent market share in the Bund contract. That is, until 1997, when the DTB made a staggering dash from behind, using fee holidays, free trading terminals and far lower trading costs to unseat

4
its U.K. rival as the dominant force in Bund futures trading. By April 1998 81 percent of Bund volume, some 6.3 million contracts monthly, was trading on the DTB.

But the battle of the Bund was just one struggle in a wider war for domination of European futures as anticipation of the euro continues to mount. When the single currency is introduced in January 1999, there will be one significant long-term interest rate contract in Europe. Most traders believe that whichever exchange controls Bund trading will control euro trading.

The DTB's victory was an important one strategically for the German futures industry, but the message it sent to futures exchanges worldwide may have been even more significant: In head-to-head competition, electronics can beat open outcry. "Our members would not even let us talk about electronic trading for the last two years," says departing Liffe chairman Jack Wigglesworth, who now envisions a time when exchanges will exist only in cyberspace.

After nearly a decade and a half championing the Chicago model, Liffe is planning to set up an electronic system to trade alongside its pits. If the pattern at Liffe comes to resemble that of Matif, where trading quickly migrated to screens, Liffe's 700 independent traders will find themselves out of jobs.

It could get worse. Citing the expense of Liffe's open-outcry system, Chase Manhattan Bank and Salomon Smith Barney, two of the exchange's most active members, last month threatened to move their short-term interest rate trading to the DTB next year. Until they made their threat, Liffe's unchallenged dominance of short-term interest rate trading had provided what seemed to be a bulwark against the attacks of the German exchange.

The reason Liffe's members could block electronic trading for so long is that the London exchange, like the CBOT and the Merc, has been a not-for-profit organization, owned and controlled by its members. Liffe's member-ownership structure meant that locals -- small traders dependent on the continued existence of the futures pits for their careers -- determined exchange strategy. Not surprisingly, the locals opposed electronic trading, arguing that computers could never handle the complexities of their work. However, the dramatic loss of the Bund franchise sent a harsh message to Liffe traders -- and to local traders in Chicago and other futures centers: that technology is going to put many of them out of work, and the most they can hope for is to sell out profitably. With some trepidation, in mid-April Liffe's board recommended that exchange shares be sold publicly and that the exchange become a for-profit entity.

The CBOT's Arbor says that his exchange needs to eliminate layers of costly support personnel on the exchange floor to remain competitive. "I think you are going to see [fewer] people working on our floors," he admits. So does the newly elected chairman of the Merc, Scott Gordon, who has worked as runner, phone clerk, a floor manager, trader and broker and head of a clearing firm. An impressive resume, but the number of different jobs Gordon has held indicates the sprawling infrastructure that the exchanges support. "Some of those jobs are somewhat anachronistic," admits Gordon.

The Merc cut expenses by 10 percent last year, but that's just a start. The Merc itself has a staff of 850 and more than 3,000 members. Thousands of people employed by members work the floor, a 70,000-square-foot trading arena spread over two levels. The Merc generates annual revenues of \$178.6 million on expenses of \$157.8 million.

The common-clearing agreement between the Merc and CBOT is a step toward eliminating costly inefficiencies. But the difficulty of making that decision doesn't bode well for continued cost-cutting. University of Chicago professor emeritus and Nobel laureate Merton Miller led the effort to bring the two Chicago exchanges' clearing systems together. "It took us two years to get common clearing," Miller says, noting that OTC dealers, as profit-making corporations, tend to have "more cards in the deck for dealing with changes."

Despite their woes, the futures exchanges still have a strong hand to play. For one thing, less liquid markets, such as agricultural and commodities futures, are less likely to be replaced by screen-based trading. And exchanges continue to innovate, introducing new products like bankruptcy futures, which might be used as hedging devices alongside burgeoning OTC credit derivatives markets. Further, with products like the recently introduced DJIA index futures, exchanges are betting that they can grow on the retail side of the market. Exchange chiefs remain adamantly optimistic. "I believe the CBOT will continue to grow in volume," says Arbor. "We have made a very important decision to grow in volume."

Probably the strongest attraction of exchange-traded futures for investors and traders is the backing of the exchange itself. "We like the counterparty credit risk of the exchange," says Adnan Akant, a managing director at Fischer Francis Trees & Watts, a New York-based money manager specializing in fixed income. The exchanges might be able to leverage that strength off the OTC market, by clearing swaps, for instance. "If and when the futures exchanges start clearing swaps, that would be a tremendous benefit, from our point of view," says James Keller, a portfolio manager at Pacific Investment Management Co. in Newport Beach, California, who has worked as a local at the CBOT and on Merrill Lynch's swaps desk.

OTC transactions are already being cleared in Sweden, and efforts are under way to clear swaps in London and Chicago. Progress has been slow because top dealers, who already have high credit ratings, are reluctant to give up their competitive advantage to a clearinghouse. But that could change as their credit lines fill up.

Meanwhile, Keller and Akant say their firms have increased their futures use over the past year, but both managers see areas where the dealer market serves them better than exchanges. Fischer Francis does not use foreign exchange futures on the Merc. "That's one market where the banks have an advantage," says Akant.

Driven by technology, the world's futures exchanges appear headed for convergence. The DTB and the Swiss Options and Financial Futures Exchange are merging to form a new entity called Eurex, while Matif is building an interface to allow its electronic trading system to deal with the German and Swiss systems. Early next century, when the DTB has to redesign its already aging system, Matif will collaborate in the effort, Pfauwadel says. Liffe officials have talked about buying the Matif system. If that were to happen, much of Europe could soon enjoy seamless futures trading.

Europe and the U.S. are forging links as well. On the clearing side, Matif has already adopted, but not yet implemented, the same clearing system as the Merc, which it developed with the New York Mercantile Exchange, and which the Merc will share with the CBOT. The Merc also continues to push Melamed's brainchild, Globex, an electronic after-hours trading system that flopped when it was launched in 1992. Now Globex 2 is on the drawing board alongside talks on common clearing and trading platforms.

But the bigger question is not whether platforms for common trading and clearing will come into being. They will. Customers demand them. The more troubling issue - to traders, customers and regulators - is whether control of the new platforms will migrate elsewhere. What's to stop a technology provider, like Reuters' Instinet, say, from owning the exchange of the future? Reuters has already made one foray into futures when it supplied the technology for Globex. The Merc and its Globex partners, Matif and Nymex, switched away from Reuters to an open architecture setup for Globex 2.

Banks, with their huge investments in technology and vital interest in the business, would seem to be a natural group to develop a new trading system. "Every investment bank is developing an electronic order-delivery system," says Sydney's Hosking. "Ultimately, they are going to say, 'Why the hell do we do it to the edge of the pit and no further?'" That's bad news for the exchanges. it

THIS IS THE FULL-TEXT. Copyright Institutional Investors System Inc 1998
GEOGRAPHIC NAMES: US

DESCRIPTORS: Electronic trading; Futures trading; Over the counter trading;
Futures exchanges; Consolidation

CLASSIFICATION CODES: 9190 (CN=United States); 3400 (CN=Investment
analysis); 8130 (CN=Investment services)

?

01272394 99-21790

WS&T unveils live trading floor

Anonymous

Wall Street & Technology v14n9 PP: 29-30 **Sep 1996** ISSN: 1060-989X

JRNL CODE: WSC

DOC TYPE: Journal article LANGUAGE: English LENGTH: 2 Pages

WORD COUNT: 327

ABSTRACT: At the upcoming Financial Technology Expo, attendees will get a first-hand look at Trading Floor 2000, the dealing room of the future. The exhibit - designed by Ray duTremblay from trading room consulting firm Interport Financial Inc. - marks the first time ever that a trade show has showcased a real-time, integrated trading floor.

TEXT: At this year's Financial Technology Expo, attendees will get a firsthand look at the dealing room of the future. Trading Floor 2000, the theme exhibit of the show, is a small, ultra-modern mock trading floor equipped with live data feeds, working technology and a progressive infrastructure. The exhibit-designed by Ray duTremblay from Montrose, N.Y.-based trading room consulting firm Interport Financial Inc.-marks the first time ever that a trade show has showcased a real-time, integrated trading floor. Participants in the Trading Floor 2000 project will include Bloomberg L.P, Microsoft Corp., IPC Information Systems, Stratus Computers, Track Data and Global Trading Technologies, among other firms.

The floor will be divided into a trio of trading groups: two desk groups and a home office. The first desk group will give onlookers a snapshot of modern trading floor technology-including today's trading systems, software, desks and infrastructure. The second desk group will display new systems and concepts that Wall Street's innovators believe will change the business of trading in the 21st century. The home office will be part of a virtual trading floor demonstration depicting how traders will get access to information from their homes, branch offices and other remote locations.

Trading Floor 2000 will also feature demonstrations of three inter-dependent technologies needed in every dealing room: hardware, software and facilities infrastructure (such as desks, cabling and power).

The hardware demos will highlight computer systems, network hardware, trading voice systems, recording equipment, input devices, displays, communications interfaces and wireless technologies. The software demos will feature market data distribution, trading support, position keeping, risk management, automated trading, integrated systems and operating systems for both clients and servers.

The facilities infrastructure demos will highlight dealing room components

beneath the surface, such as floor systems, wire management, trading desks, power distribution and air quality systems.

In addition to hardware and software from the industry's leading suppliers on live trading desks, the floor will also feature working phone lines, enabling visiting "traders" to make a deal.

THIS IS THE FULL-TEXT. Copyright Miller Freeman Inc 1996
GEOGRAPHIC NAMES: US

DESCRIPTORS: Electronic trading; Exhibits

CLASSIFICATION CODES: 8130 (CN=Investment services); 5240 (CN=Software & systems); 7300 (CN=Sales & selling); 9190 (CN=United States); 9000 (CN=Short Article)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06934474 Supplier Number: 58551483 (THIS IS THE FULLTEXT)
medpool.com to Present at The Hambrecht & Quist 18th Annual Healthcare Conference.

PR Newswire, p0595

Jan 13, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 468

TEXT:

REDWOOD CITY, Calif., Jan. 12 /PRNewswire/ -- medpool.com, an innovative e-commerce solution in hospital procurement, announced today that Anne De Gheest, president and chief executive officer of medpool.com, is a presenter at the Hambrecht & Quist 18th Annual Healthcare Conference in San Francisco, Calif.

De Gheest has over 20 years of experience developing and building successful healthcare businesses. She is the founder of medpool.com, and she also put her mark on Nellcor, Pyxis and Omnicell, which have a cumulative market value of more than \$4 billion.

medpool.com is a healthcare company that is using the Internet to provide a unique pooling and interactive bidding process between buyers and sellers of hospital equipment, supplies and services. Because the company is a first mover in this concept, medpool.com has filed several patents on its business model.

Buyers purchasing power is pooled together in a virtual trading floor to collectively purchase medical equipment, supplies and services for the best prices. Selected sellers bid against each other on requested business to win committed orders. medpool.com automates the process.

Buyers log on to <http://www.medpool.com>, select the products they want to purchase, the quantity they want to order, a list of preferred sellers they are willing to purchase from and the maximum price they are willing to pay. Buyers are then pooled together to purchase medical equipment, supplies and services at volume pricing. This is to create a larger volume sales that allow sellers to negotiate lower prices.

medpool.com contacts preferred sellers to let them know about the volume of business they could potentially win and the price customers are willing to pay, and invites them to participate in the bidding cycle. When the exchange begins, preferred sellers submit bids against one another during defined time periods to win committed volume business. Sellers are given feedback on how they are doing at the end of each bidding cycle and can lower their prices to capture a larger portion of the business.

Once the process is complete, medpool.com reveals the buyers' identity to the seller that won its business. Buyers and sellers then work directly with one another to complete the purchase and discuss distribution.

medpool.com is led by a team of entrepreneurs and executives experienced in revolutionizing the medical and information technology categories, and their previous successes include such well-known companies as Pyxis, Omnicell, Nellcor, Advanced Sterilization Products and Oracle.

Based in Redwood City, Calif., medpool.com is backed by three leading venture capital firms in healthcare and technology: Institutional Venture Partners, Mayfield Fund, and Domain Associates. medpool.com can be reached through its Web site at www.medpool.com and is located at 1600 Bridge Parkway, Redwood City, CA, 94065. Tel: 650-232-5000 Fax: 650-232-5100.

medpool.com is a service mark of medpool.com.

COPYRIGHT 2000 PR Newswire Association, Inc.

COPYRIGHT 2000 Gale Group

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Hambrecht and Quist Inc.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *6211300 (Investment Banking)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 6211 (Security brokers and dealers)

NAICS CODES: 52311 (Investment Banking and Securities Dealing)

SPECIAL FEATURES: COMPANY

01297544 SUPPLIER NUMBER: 07288270 (THIS IS THE FULL TEXT)
**High-tech aurora shines in CBOT's trading skies. (The Chicago Board of
Trade prolongs the life of the open outcry system)**

Arend, Mark

Wall Street Computer Review, v6, n8, p90(2)

May, 1989

ISSN: 0738-4343

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 855

LINE COUNT: 00068

ABSTRACT: The Chicago Board of Trade (CBOT) unveils Aurora, an auction-market trading system designed to replicate the activity of the trading pit. Aurora displays member icons as circles and squares in the center of the screen, which represents an arena. The system will use Apple Macintosh workstations with Texas Instruments' microExplorer software and Tandem Computers' NonStop VLX mainframe. Automation of the auction market provides the same information available in a physical trading pit while reducing the rate of errors. Members will lease the equipment on a monthly basis. The CBOT is also developing an electronic order delivery system which will interface with Telerate Inc's global financial-information network.

TEXT:

HIGH-TECH AURORA SHINES IN CBOT'S TRADING SKIES

THE CHICAGO BOARD OF Trade (CBOT) has unveiled an electronic auction-market trading system designed specifically to replicate the open outcry activity of the trading pit. Dubbed Aurora, the system will afford CBOT members around the world the ability to participate in trading activity after the exchange closes in much the same way market participants place orders during regular hours.

"We believe what has made the Chicago Board of Trade so successful in our 140-year history is the auction market," says Glen Belden, vice president, information systems. "Our preferred way of trading is the open outcry auction market. We believe that in order to trade on a 24-hour basis internationally, the best approach is to try to replicate the auction market. What you see on the Aurora screen is our attempt to use the latest technology available to accomplish that goal."

That technology consists of Apple Macintosh workstations, microExplorer software for artificial intelligence applications from Texas Instruments and the NonStop VLX mainframe from Tandem Computers Inc.

The screen of the Aurora trading system consists of several elements. Member icons, represented as circles and squares in the center of the screen, or Trading Arena, contain the member's acronym and the number of contracts either being offered or bid for on a given contract, such as March bonds. Red circles represent offering icons, and blue squares are bidding icons. The Current Contract Price Display, in the upper left-hand corner of the screen, indicates the symbol of the current contract and shows the current bid price, offer price and total quantities available.

The Current Pit Price Display is located beneath the Trading Arena. These prices reflect other contracts in the U.S. Treasury bond pit. Four small fields to the right of the Trading Arena represent prices of contracts outside the Treasury bond pit. Users can monitor whichever contracts are needed in this area. A Pit Trade Summary Box, a Personal Trade Summary Box and a Priority Box complete the picture.

Completion of a prototype version of Aurora is scheduled for September 1989; production is to begin shortly thereafter, according to Belden.

Acess for Nonmembers

The CBOT also has announced development of EOS, an electronic order delivery system. "For nonmembers who want to trade on the Board of Trade, EOS is the entry system that will get their orders to Aurora or to our physical trading pits," explains Belden.

As questionable trading practices lead to heightened surveillance efforts at the major Chicago exchanges, Belden is confident that global access to the market on a 24-hour basis will pose no nre problems. "We believe that given the way we're constructing this system, we will have addressed all of the issues concerning secure transmissions and that we

will be able to create a complete audit trail, one very accurate in terms of all activity on the system."

Member traders were instrumental in the development of Aurora, according to Belden. "We did hire outside experts to assist us, but [the proprietary software] is CBOT designed and CBOT owned," he asserts. The exchange supplies member users with a terminal and networking capabilities. "Members will lease the terminal for a monthly charge, which will include the workstation, the network, maintenance, support and security." The monthly charge has not yet been determined.

Belden is confident that the technology vendors selected will rise to the occasion. "We needed a number of things in order to make this work. First, we felt that we needed the rapid prototyping and the ability to change things quickly offered by Texas Instruments's artificial intelligence capability. We needed the high-resolution color graphics capability that I believe is represented best by the Apple Macintosh. Finally, we needed a strong telecommunications-oriented fault-tolerant central-site processor, and Tandem, again, is the leader in that technology."

Telerate Adds Value

Telerate Inc. and Intex Holdings Ltd. will supply the CBOT with interfaces to Telerate's global financial information network for order delivery to EOS during evening trading. The service will then be extended to regular trading hours. Ultimately, members will be able to place orders through the Telerate network directly to Aurora.

Aurora does not signal the end of order-entry errors or other mistakes, although the rate of occurrence should decrease. "If the trader makes a typing error going in, the system cannot catch that. The system is designed using technology that uses almost no typing. It's mostly a point-and-click system [i.e., using a mouse]. The transmission accuracy is extremely good, and the technology will verify that accuracy.

"We have tried to provide the same information to people looking at an electronic screen that they would have if they were physically present in the pit," says Belden. "Experienced traders are very comfortable looking at the screen. It is designed by traders for traders."

COPYRIGHT 1989 Dealers' Digest Inc.

DESCRIPTORS: Securities Transfer; Integrated Systems; Expert Systems;
Trade and Professional Associations
FILE SEGMENT: CD File 275

Set	Items	Descript
S1	216692	VIRTUAL? OR AVATAR? OR VR OR 3D OR ANIMAT? OR SOFTWARE OR - 3()D OR THREE()DIMENSION?
S2	5082921	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S3	499	TRADING()FLOOR? OR (OPTION? OR COMMODIT?) (2N) (EXCHANG? OR - PIT? ? OR FLOOR?)
S4	7	S1(2N)S3
S5	21	S1 AND S3
S6	8	S5 AND S2
	14	S4 OR S6

read

?show files

File 347:JAPIO Oct/1976-2001/Dec(Updated 020503)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200230

(c) 2002 Thomson Derwent

Set	Items	Descript
S1	290493	VIRTUAL? OR AVATAR? OR VR OR 3D OR ANIMAT? OR SOFTWARE OR - 3()D OR THREE()DIMENSION?
S2	874251	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S3	1599	TRADING()FLOOR? OR (OPTION? OR COMMODIT?) (2N) (EXCHANG? OR - PIT? ? OR FLOOR?)

~~S4: 1: S5: (S1(20N)S3) (S)S2~~

real

?show files

File 348:EUROPEAN PATENTS 1978-2002/May W01

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020509,UT=20020502

(c) 2002 WIPO/Univentio

Set	Items	Descript
S1	785922	VIRTUAL? OR AVATAR? OR VR OR COMPUTER? OR ON()LINE OR ONLI- NE OR INTERNET OR WEB? OR SOFTWARE OR 3()D OR GRAPHICAL?
S2	613658	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIMIC? OR - RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S3	2824162	HAND? ? OR BODY OR FINGER? OR HEAD? ? OR ARM? ?
S4	5082921	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S5	333398	S3(4N)S4
S6	1972	S5(5N)S2
S7	55	S6(15N)S1

S8

real

?show files

File 347:JAPIO Oct/1976-2001/Dec(Updated 020503)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200230

(c) 2002 Thomson Derwent

Set	Items	Description
S1	448343	VIRTUAL? OR AVATAR? OR VR OR COMPUTER? OR ON()LINE OR ONLI- NE OR INTERNET OR WEB? OR SOFTWARE OR 3()D OR GRAPHICAL?
S2	952065	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIMIC? OR - RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S3	739406	HAND? ? OR BODY OR FINGER? OR HEAD? ? OR ARM? ?
S4	874251	MOVE? OR MOVING? OR MOTION? OR ROTAT? OR WAVE? ? OR WAVING? OR SIGNAL? OR GESTUR? OR OUTCRY? OR OUT()CRY???
S5	88035	S3(2N)S4
S6	1809	S5(5N)S2
S7	92	S6(15N)S1

~~S8: 26 S7 AND 1C G06F3~~

real

?show files

File 348:EUROPEAN PATENTS 1978-2002/May W01

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020509,UT=20020502

(c) 2002 WIPO/Univentio

Set	Items	Description
S1	11	AU=(BORCHEW M? OR BORCHEW, M ? OR HAUKE? OR HAUKE, E?)
S2	823133	GUI? ? OR GRAPHICAL(1W)INTERFACE? OR WEBSITE? OR WEBPAGE? - OR WEB() (SITE? OR PAGE?) OR HOME()PAGE? OR HOMEPAGE? OR MOTIF? OR CUI? ? OR CHARACTER(2W)INTERFACE? OR VIRTUAL? OR PORTAL? - OR DISPLAY? ? OR VR OR AVATAR?
S3	500454	AUCTION? OR TRADE???? OR STOCK? ? OR METAACAUCTION? OR MULTIA- UCTION? OR DUTCHAUCTION? OR EXCHANGE? OR MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME - OR EUREX OR SALE? ? OR BIDD??? OR NIKKEI? OR TSE
S4	776031	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIRROR? OR MIMIC? OR RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S5	2306951	PLURAL? OR MULTIPL? OR MANY OR SEVERAL OR NUMEROUS OR DIFF- ERENT
S6	84154	S5(5N) (USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUES- T? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CO- NSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SUR- FER? OR CLIENT? OR TRADER? OR BIDDER? OR SELLER?)
S7	440823	CODE? ? OR DECODE? ? OR SOFTWARE OR HARDWARE OR FIRMWARE OR MIDDLEWARE?
S8	1	S1 AND S2 AND S3
S9	1856	S2 AND S3 AND S4
S10	65	S9 AND S6
S11	23	S10 AND IC=G06F-017/60
S12	23	S11 OR S8
S13	7664	S2(10N)S3
S14	143	S13(10N)S4
S15	33	S14 AND IC=G06F-017/60
S16	29	S15 NOT S12

?show files

File 347:JAPIO Oct/1976-2001/Dec(Updated 020401)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200224

(c) 2002 Thomson Derwent

Set	Items	Description
S1	8	AU=(BORCHEW M? OR BORCHEW, M ? OR HAUKE? OR HAUKE, E?)
S2	473415	GUI? ? OR GRAPHICAL(1W)INTERFACE? OR WEBSITE? OR WEBPAGE? - OR WEB() (SITE? OR PAGE?) OR HOME()PAGE? OR HOMEPAGE? OR MOTIF? OR CUI? ? OR CHARACTER(2W)INTERFACE? OR VIRTUAL? OR PORTAL? - OR DISPLAY? ? OR VR OR AVATAR?
S3	2476821	AUCTION? OR TRADE???? OR STOCK? ? OR META AUCTION? OR MULTIAUCTION? OR DUTCH AUCTION? OR EXCHANGE? OR MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME - OR EUREX OR SALE? ? OR BIDD??? OR NIKKEI? OR TSE
S4	3672216	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIRROR? OR MIMIC? OR RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S5	2675755	PLURAL? OR MULTIPL? OR MANY OR SEVERAL OR NUMEROUS OR DIFFERENT
S6	2476825	USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUEST? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CONSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SURFER? OR - CLIENT? OR TRADER? OR BIDDER? OR SELLER?

S7 1 S1 AND S4 AND S3
S8 660 (S2(10N)S3)(10N)S4

S9 24 S8 AND (S5(3N)S6)

Real

?show files

File 2:INSPEC 1969-2002/Apr W2
(c) 2002 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2002/Mar
(c) 2002 ProQuest Info&Learning

File 65:Inside Conferences 1993-2002/Apr W1
(c) 2002 BLDSC all rts. reserv.

File 77:Conference Papers Index 1973-2002/Mar
(c) 2002 Cambridge Sci Abs

File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Mar
(c) 2002 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2002/Apr
(c) 2002 Info. Today Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2002/Mar
(c)2002 Info.Sources Inc

File 474:New York Times Abs 1969-2002/Apr 15
(c) 2002 The New York Times

File 475:Wall Street Journal Abs 1973-2002/Apr 15
(c) 2002 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Apr 16
(c) 2002 The Gale Group

File 139:EconLit 1969-2002/Apr
(c) 2002 American Economic Association

Set	Items	Description
S1	0	AU=(BORCHEW M? OR BORCHEW, M ? OR HAUKE? OR HAUKE, E?)
S2	4038389	GUI? ? OR GRAPHICAL(1W)INTERFACE? OR WEBSITE? OR WEBPAGE? - OR WEB() (SITE? OR PAGE?) OR HOME()PAGE? OR HOMEPAGE? OR MOTIF? OR CUI? ? OR CHARACTER(2W)INTERFACE? OR VIRTUAL? OR PORTAL? - OR DISPLAY? ? OR VR OR AVATAR?
S3	6804813	AUCTION? OR TRADE???? OR STOCK? ? OR METAUCTION? OR MULTIAUCTION? OR DUTCHAUTION? OR EXCHANGE?
S4	13263587	MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME OR EUREX OR SALE? ? OR BIDD??? OR NIKKEI? OR TSE
S5	5405063	SIMULATE? OR DEPICT? OR REPRESENT? OR IMITATE? OR MIRROR? OR MIMIC? OR RESEMBLE? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S6	7808406	PLURAL? OR MULTIPLY? OR MANY OR SEVERAL OR NUMEROUS OR DIFFERENT
S7	1439181	S6(5N) (USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUEST? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CONSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SURFER? OR CLIENT? OR TRADER? OR BIDDER? OR SELLER?)
S8	87684	S2(5N)S3
S9	194942	S2(5N)S4
S10	267703	S8 OR S9
S11	68	(S10(10N)S5) (10N)S7
S12	62	S11 NOT PY>2000
S13	38	S12 NOT PD=20000331:20020416
S14	23	RD (unique items) <i>read</i>

?show files

File 15:ABI/Inform(R) 1971-2002/Apr 16
(c) 2002 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2002/Apr 15
(c) 2002 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Apr 15
(c)2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/Apr 15
(c) 2002 The Gale Group

File 621:Gale Group New Prod. Annou. (R) 1985-2002/Apr 15
(c) 2002 The Gale Group

File 95:TEME-Technology & Management 1989-2002/APR W2
(c) 2002 FIZ TECHNIK

File 625:American Banker Publications 1981-2002/Apr 16
(c) 2002 American Banker

File 268:Banking Info Source 1981-2002/Apr W1
(c) 2002 ProQuest Info&Learning

Set	Items	Description
S1	0	AU=(BORCHEW M? OR BORCHEW, M ? OR HAUKE? OR HAUKE, E?)
S2	4044800	GUI? ? OR GRAPHICAL(1W)INTERFACE? OR WEBSITE? OR WEBPAGE? - OR WEB() (SITE? OR PAGE?) OR HOME()PAGE? OR HOMEPAGE? OR MOTIF? OR CUI? ? OR CHARACTER(2W)INTERFACE? OR VIRTUAL? OR PORTAL? - OR DISPLAY? ? OR VR OR AVATAR?
S3	7952705	AUCTION? OR TRAD???? OR STOCK? ? OR METAUCTION? OR MULTIAUCTION? OR DUTCHAUCTION? OR EXCHANGE?
S4	12824422	MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME OR EUREX OR SALE? ? OR BIDD??? OR NIKKEI? OR TSE
S5	4865862	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIRROR? OR MIMIC? OR RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S6	7891300	PLURAL? OR MULTIPL? OR MANY OR SEVERAL OR NUMEROUS OR DIFFERENT
S7	1230575	S6(5N) (USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUEST? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CONSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SURFER? OR CLIENT? OR TRADER? OR BIDDER? OR SELLER?)
S8	447185	S2(10N) (S3 OR S4)
S9	11616	S8(10N)S5
S10	96	S9(20N)S7
S11	80	S10 NOT PY>2000
S12	55	S11 NOT PD=20000331:20020416

S13: 144 RD: (unique items)

reviewed & read as needed

?show files

File 9:Business & Industry(R) Jul/1994-2002/Apr 15
(c) 2002 Resp. DB Svcs.

File 20:Dialog Global Reporter 1997-2002/Apr 16
(c) 2002 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2002/Apr 16
(c) 2002 Financial Times Ltd

File 610:Business Wire 1999-2002/Apr 16
(c) 2002 Business Wire.

File 613:PR Newswire 1999-2002/Apr 16
(c) 2002 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2002/Apr 15
(c) 2002 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2002/Apr 13
(c) 2002 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2002/Apr 15
(c) 2002 The Gale Group

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 626:Bond Buyer Full Text 1981-2002/Apr 15
(c) 2002 Bond Buyer

File 267:Finance & Banking Newsletters 2002/Apr 15
(c) 2002 The Dialog Corp.

Set	Items	Description
S1	0	AU=(BORCHEW M? OR BORCHEW, M ? OR HAUKE? OR HAUKE, E?)
S2	4038389	GUI? ? OR GRAPHICAL(1W)INTERFACE? OR WEBSITE? OR WEBPAGE? - OR WEB() (SITE? OR PAGE?) OR HOME()PAGE? OR HOMEPAGE? OR MOTIF? OR CUI? ? OR CHARACTER(2W)INTERFACE? OR VIRTUAL? OR PORTAL? - OR DISPLAY? ? OR VR OR AVATAR?
S3	6804813	AUCTION? OR TRAD???? OR STOCK? ? OR METAUCTION? OR MULTIAUCTION? OR DUTCHAUCTION? OR EXCHANGE?
S4	13263587	MARKET? ? OR BROKER? OR NASDAQ OR DOW OR NYSE OR BIG()BOARD OR LSE OR CBOT OR CME OR EUREX OR SALE? ? OR BIDD??? OR NIKKEI? OR TSE
S5	5405063	SIMULAT? OR DEPICT? OR REPRESENT? OR IMITAT? OR MIRROR? OR MIMIC? OR RESEMBL? OR ANALOG? OR METAPHOR? OR MODEL? OR ICON?
S6	7808406	PLURAL? OR MULTIPL? OR MANY OR SEVERAL OR NUMEROUS OR DIFFERENT
S7	618523	S5(5N) (USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUEST? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CONSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SURFER? OR CLIENT? OR TRADER? OR BIDDER? OR SELLER?)
S8	4870017	CODE? ? OR DECODE? ? OR SOFTWARE OR HARDWARE OR FIRMWARE OR MIDDLEWARE?
S9	87684	S2(5N)S3
S10	194942	S2(5N)S4
S11	267703	S9 OR S10
S12	4970	S11(5N)S5
S13	340689	S5(2N) (USER? OR PERSON? OR INDIVIDUAL? OR VISITOR? OR GUEST? OR MEMBER? OR SOMEONE OR ANYONE OR PEOPLE? OR BUYER? OR CONSUMER? OR CUSTOMER? OR PURCHASER? OR PARTY OR PARTIES OR SURFER? OR CLIENT? OR TRADER? OR BIDDER? OR SELLER?)
S14	328	S13(5N)S12
S15	281	S14 NOT PY>2000
S16	154	S15 NOT PD=20000331:20020416
S17	89	RD (unique items)
S18	13	S17(S)S8
S19	13	S17(S) (BID? ? OR OFFER? OR PRIC??? OR ROWS OR COLUMN? OR COLOR? OR COLOUR?)

~~S20~~ 24 ~~S18 OR S19~~

?show files

File 15:ABI/Inform(R) 1971-2002/Apr 16

(c) 2002 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2002/Apr 15

(c) 2002 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Apr 15

(c)2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/Apr 15

(c) 2002 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2002/Apr 15

(c) 2002 The Gale Group

File 95:TEME-Technology & Management 1989-2002/APR W2

(c) 2002 FIZ TECHNIK

File 625:American Banker Publications 1981-2002/Apr 16

(c) 2002 American Banker

File 268:Banking Info Source 1981-2002/Apr W1

(c) 2002 ProQuest Info&Learning